

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121209.D
 Acq On : 6 Aug 2020 18:43
 Operator : JU/CG
 Sample : L3553-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Quant Time: Aug 06 19:14:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150439	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	599235	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	313419	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	579405	20.00	ng	0.00
76) Chrysene-d12	13.97	240	328150	20.00	ng	0.00
86) Perylene-d12	15.42	264	407730	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	936311	102.03	ng	0.00
7) Phenol-d6	6.44	99	1166695	98.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	793686	76.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330169	96.24	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1348515	64.24	ng	0.00
79) Terphenyl-d14	12.91	244	1201580	79.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	148387	35.134	ng	100
3) Pyridine	3.26	79	317974	28.302	ng	99
4) n-Nitrosodimethylamine	3.20	42	189287	39.400	ng	94
6) Aniline	6.46	93	386646	24.988	ng	# 46
8) 2-Chlorophenol	6.58	128	417462	41.295	ng	99
9) Benzaldehyde	6.35	77	275984	51.979	ng	98
10) Phenol	6.45	94	484146	37.129	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	413996	41.427	ng	99
12) 1,3-Dichlorobenzene	6.73	146	413399	37.712	ng	98
13) 1,4-Dichlorobenzene	6.81	146	423192	38.824	ng	99
14) 1,2-Dichlorobenzene	6.96	146	407420	39.509	ng	99
15) Benzyl Alcohol	6.95	79	335354	40.004	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	536331	37.234	ng	92
17) 2-Methylphenol	7.06	107	322740	36.019	ng	99
18) Hexachloroethane	7.30	117	146426	37.114	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	256965	38.122	ng	98
20) 3+4-Methylphenols	7.22	107	391521	34.349	ng	# 79
22) Acetophenone	7.20	105	534372	39.734	ng	94
24) Nitrobenzene	7.38	77	417881	37.438	ng	99
25) Isophorone	7.62	82	756939	36.623	ng	98
26) 2-Nitrophenol	7.70	139	227298	42.877	ng	96
27) 2,4-Dimethylphenol	7.74	122	344467	40.022	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	486124	38.531	ng	100
29) 2,4-Dichlorophenol	7.95	162	352293	40.056	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	364790	37.385	ng	99
31) Naphthalene	8.10	128	1158564	37.692	ng	99
32) Benzoic acid	7.74	122	344467	53.315	ng	# 14
33) 4-Chloroaniline	8.16	127	288639	21.050	ng	99
34) Hexachlorobutadiene	8.22	225	203452	35.369	ng	100
35) Caprolactam	8.53	113	87233	30.929	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	355996	39.467	ng	99
37) 2-Methylnaphthalene	8.79	142	785574	39.361	ng	99
38) 1-Methylnaphthalene	8.89	142	737136	38.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	361129	39.547	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	130962	25.949	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	246055	38.269	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	263916	36.187	ng	97
46) 1,1'-Biphenyl	9.26	154	930951	38.940	ng	100
47) 2-Chloronaphthalene	9.28	162	708429	36.345	ng	98
48) 2-Nitroaniline	9.39	65	233443	39.630	ng	95
49) Acenaphthylene	9.70	152	1156072	38.178	ng	100
50) Dimethylphthalate	9.56	163	1075530	47.566	ng	99
51) 2,6-Dinitrotoluene	9.63	165	187398	38.577	ng	99
52) Acenaphthene	9.87	154	767230	39.852	ng	99
53) 3-Nitroaniline	9.79	138	153304	25.162	ng	92
54) 2,4-Dinitrophenol	9.91	184	52461	23.992	ng	96
55) Dibenzofuran	10.05	168	1044688	37.525	ng	97
56) 4-Nitrophenol	9.97	139	304111	65.710	ng	98
57) 2,4-Dinitrotoluene	10.03	165	236311	37.043	ng	# 89
58) Fluorene	10.39	166	867198	41.765	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	221336	39.859	ng	99
60) Diethylphthalate	10.26	149	838480	36.662	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	355527	32.102	ng	100
62) 4-Nitroaniline	10.41	138	205495	34.626	ng	96
63) Azobenzene	10.54	77	766567	35.207	ng	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	65405	21.785	ng	96
66) n-Nitrosodiphenylamine	10.50	169	696818	38.230	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	237153	36.711	ng	96
68) Hexachlorobenzene	10.93	284	262580	37.576	ng	# 91
69) Atrazine	11.03	200	195182	43.239	ng	96
70) Pentachlorophenol	11.14	266	291653	72.854	ng	98
71) Phenanthrene	11.36	178	2402445	80.622	ng	99
72) Anthracene	11.40	178	1478178	49.400	ng	99
73) Carbazole	11.56	167	1102708	37.134	ng	100
74) Di-n-butylphthalate	11.89	149	1231884	35.948	ng	99
75) Fluoranthene	12.54	202	2341325	70.885	ng	98
77) Benzidine	12.66	184	315426	36.560	ng	98
78) Pyrene	12.77	202	2398338	103.375	ng	99
80) Butylbenzylphthalate	13.39	149	464413	44.904	ng	100
81) Benzo(a)anthracene	13.96	228	1494199	75.195	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	292443	39.009	ng	99
83) Chrysene	14.00	228	1406257	67.342	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	587232	46.045	ng	# 99
85) Di-n-octyl phthalate	14.56	149	981564	38.685	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1234656	43.541	ng	99
88) Benzo(b)fluoranthene	15.00	252	1724746	69.981	ng	98
89) Benzo(k)fluoranthene	15.03	252	883593	39.311	ng	99
90) Benzo(a)pyrene	15.37	252	1365566	60.730	ng	98
91) Dibenzo(a,h)anthracene	16.88	278	795724	34.354	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1046663	45.829	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

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JB-1AMSD

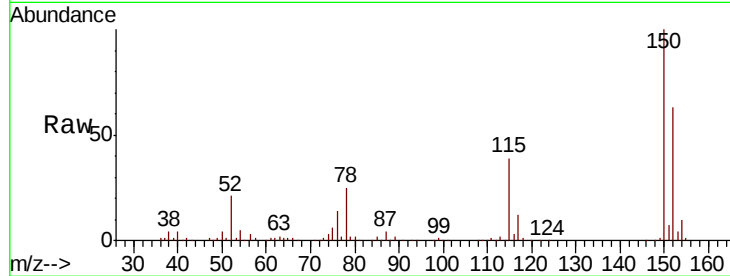
Tot Ion:152 Resp: 150439

Ion Ratio Lower Upper

152 100

150 158.6 125.6 188.4

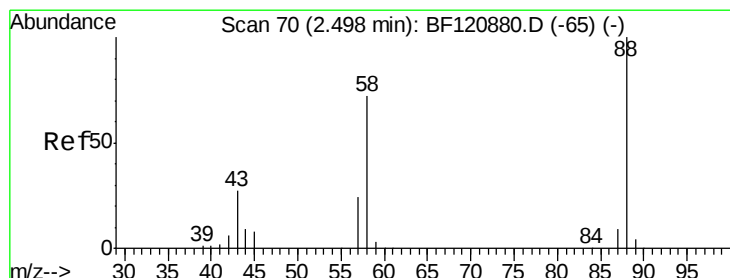
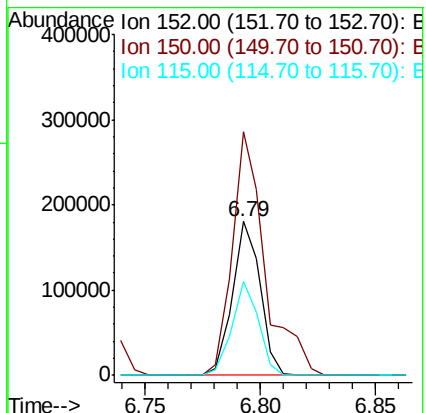
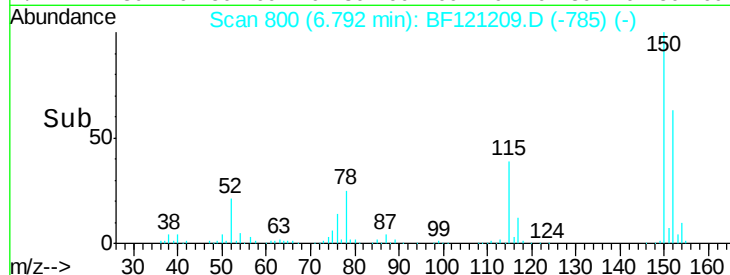
115 61.5 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.134 ng

RT: 2.52 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

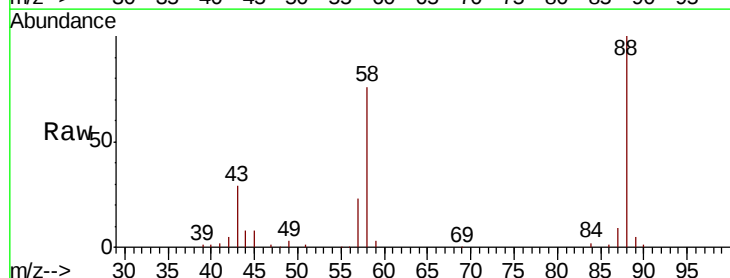
Tgt Ion: 88 Resp: 148387

Ion Ratio Lower Upper

88 100

58 72.7 58.2 87.4

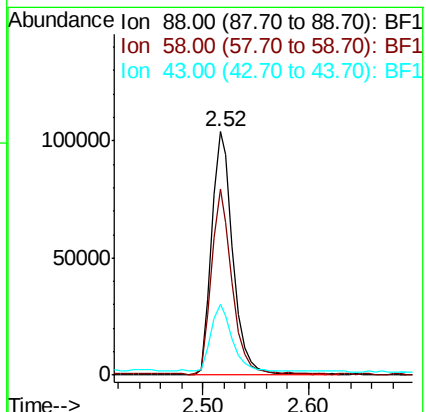
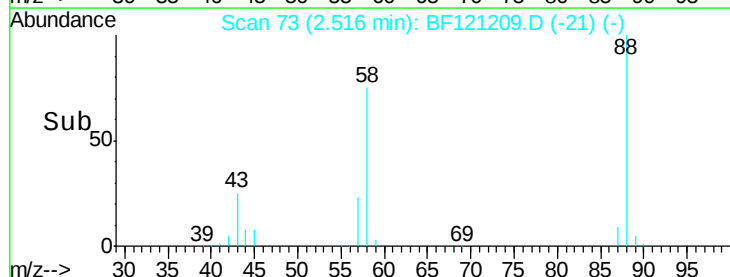
43 26.9 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

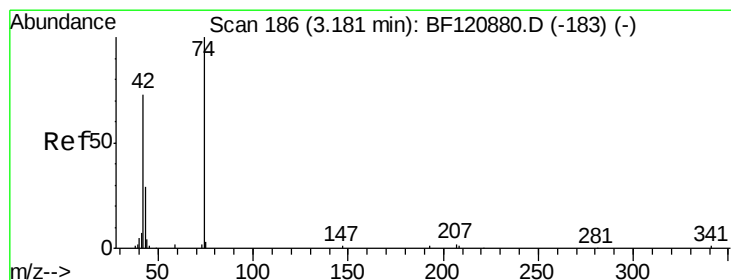
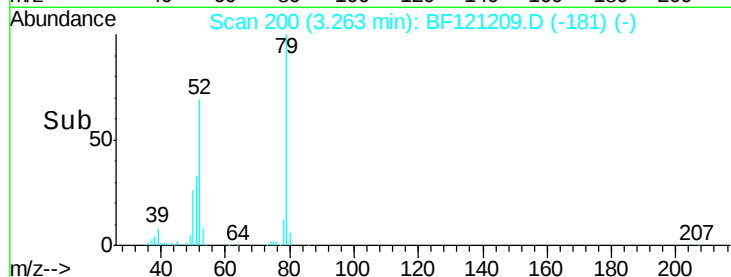
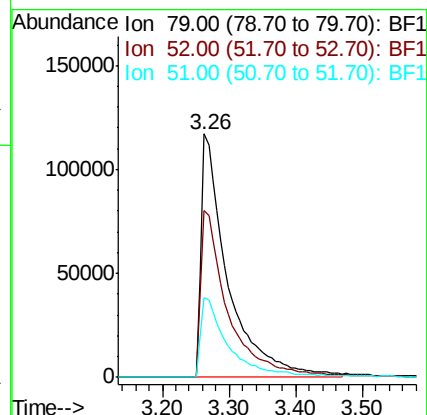
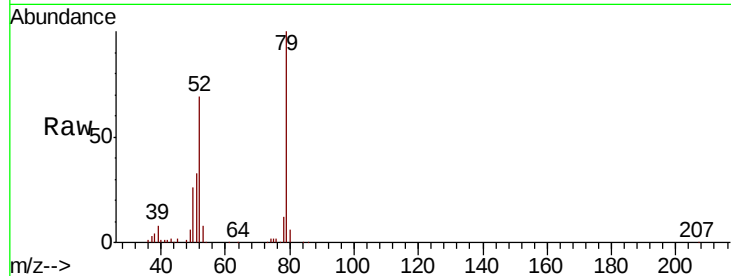




#3
 Pvridine
 Concen: 28.302 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

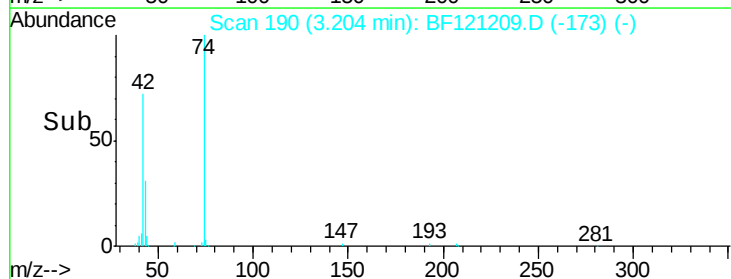
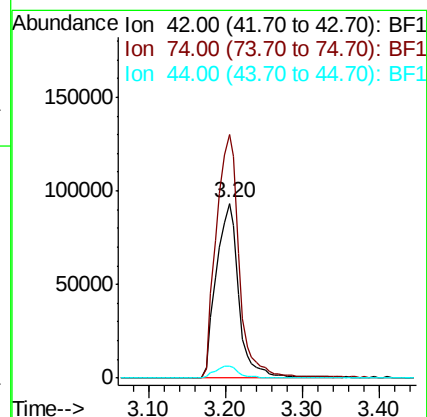
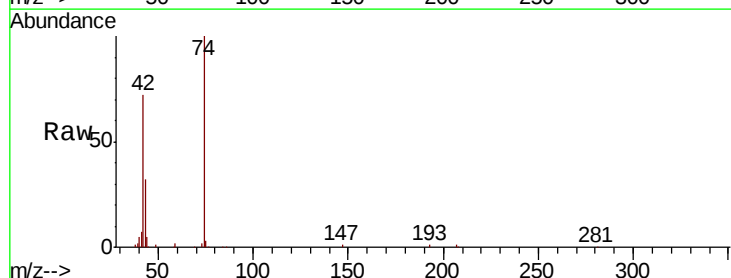
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	54.9	82.3
51	33.0	27.4	41.0



#4
 n-Nitrosodimethylamine
 Concen: 39.400 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.3	117.3	175.9
44	6.7	5.9	8.9





#5

2-Fluorophenol

Concen: 102.031 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

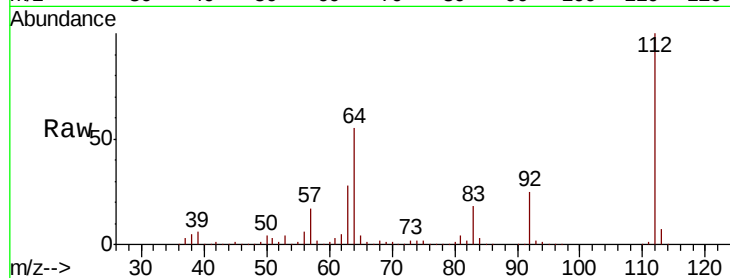
Tot Ion:112 Resp: 936311

Ion Ratio Lower Upper

112 100

64 55.2 43.9 65.9

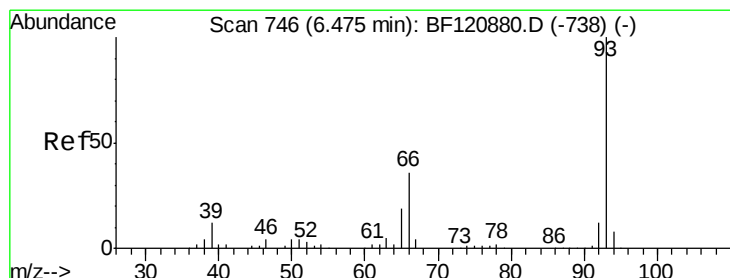
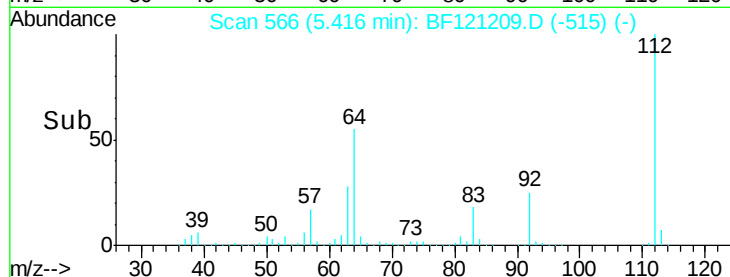
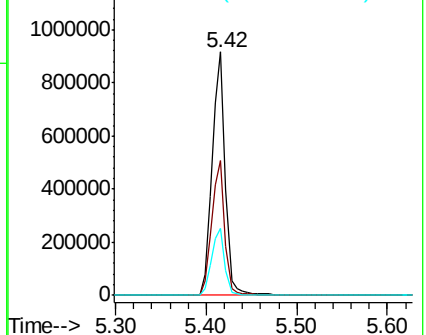
63 27.7 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.988 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

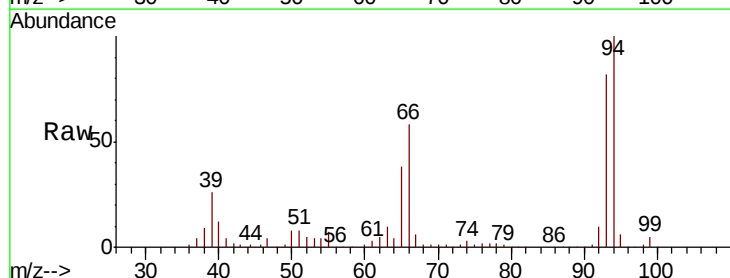
Tgt Ion: 93 Resp: 386646

Ion Ratio Lower Upper

93 100

66 71.2 31.0 46.4#

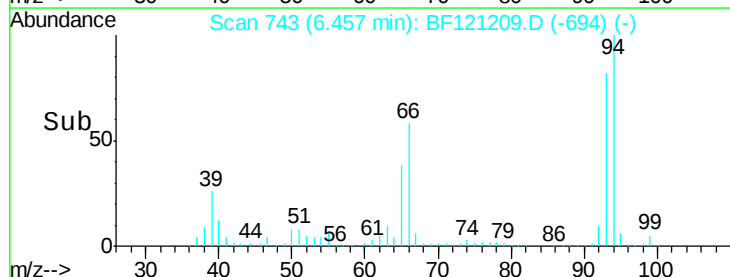
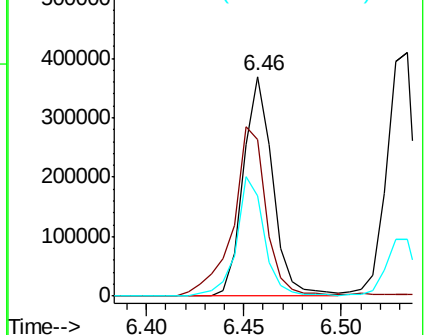
65 46.0 16.2 24.4#

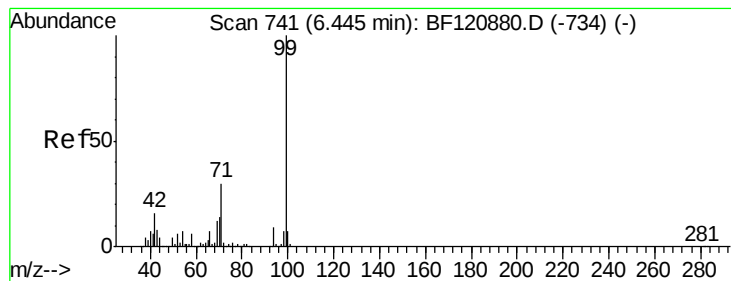


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.422 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

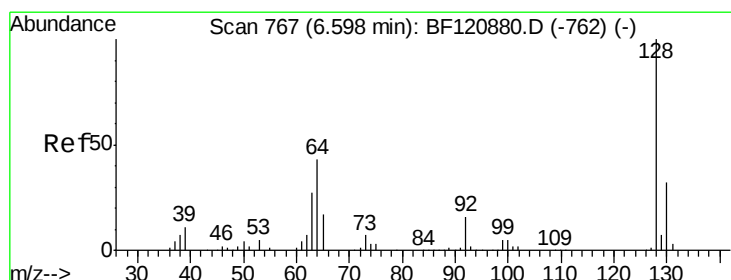
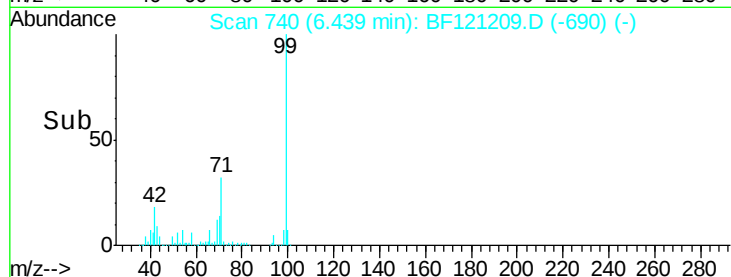
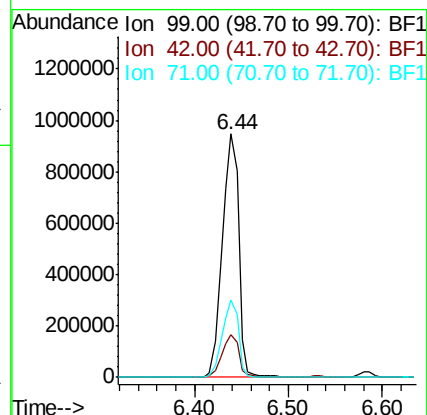
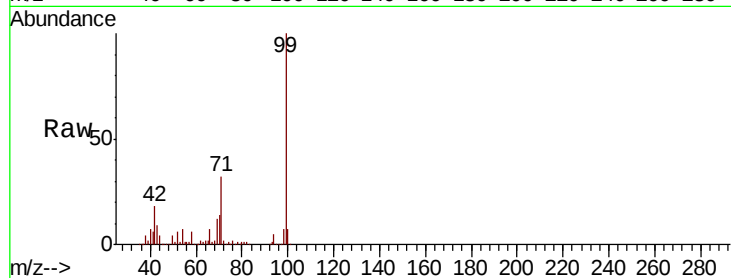
Tot Ion: 99 Resp: 1166695

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.7 25.0 37.4



#8

2-Chlorophenol

Concen: 41.295 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

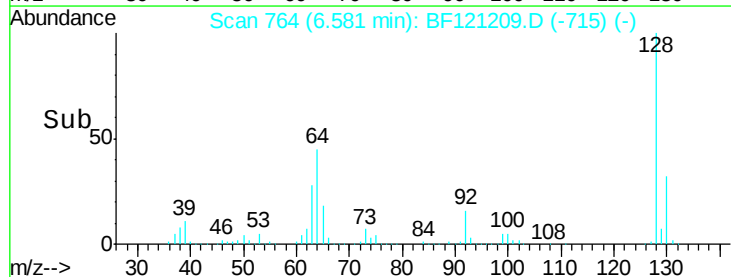
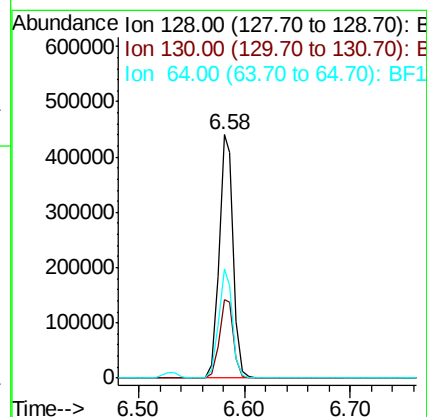
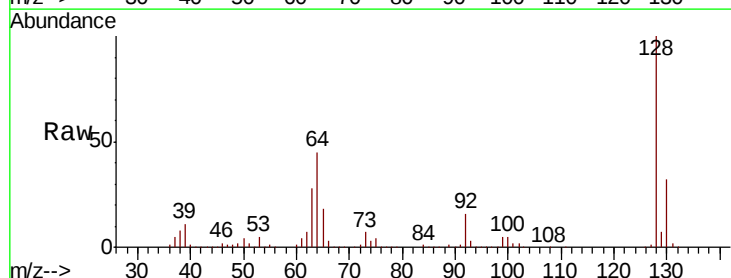
Tgt Ion: 128 Resp: 417462

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 45.0 23.8 63.8





#9

Benzaldehyde

Concen: 51.979 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

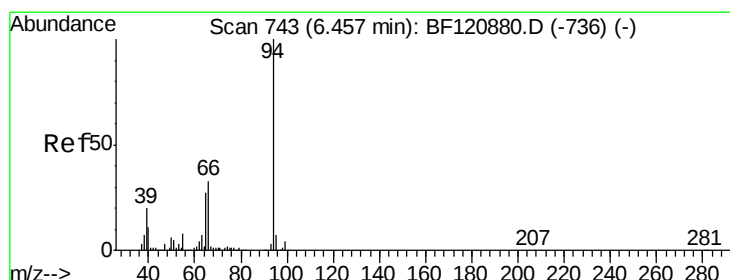
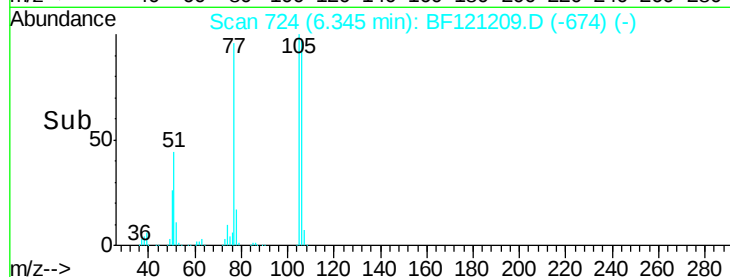
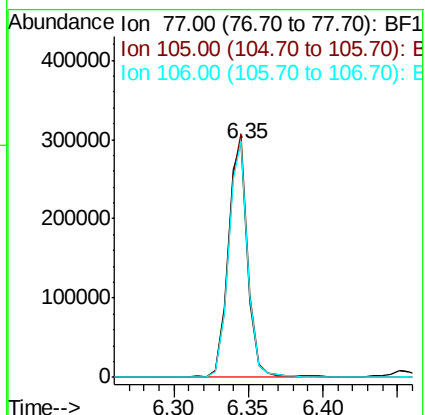
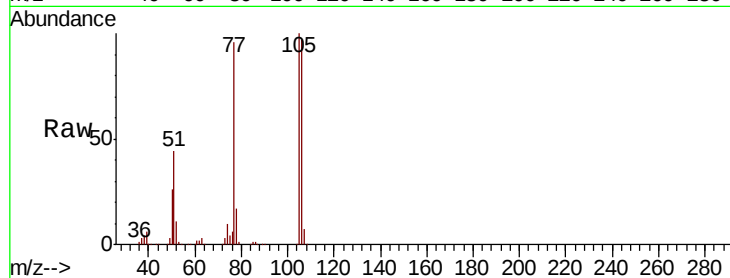
Tot Ion: 77 Resp: 275984

Ion Ratio Lower Upper

77 100

105 103.8 82.4 122.4

106 100.6 78.9 118.9



#10

Phenol

Concen: 37.129 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

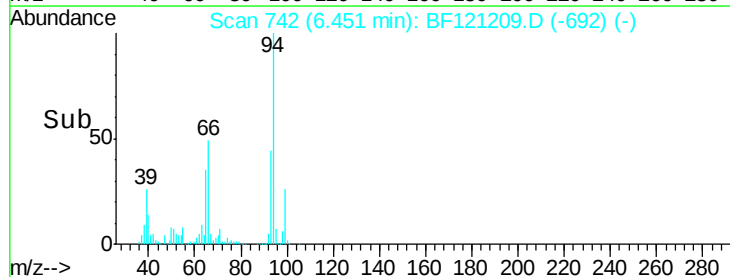
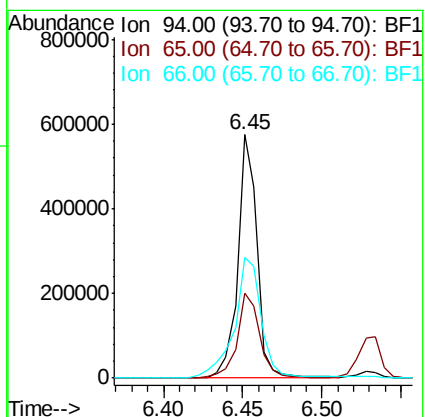
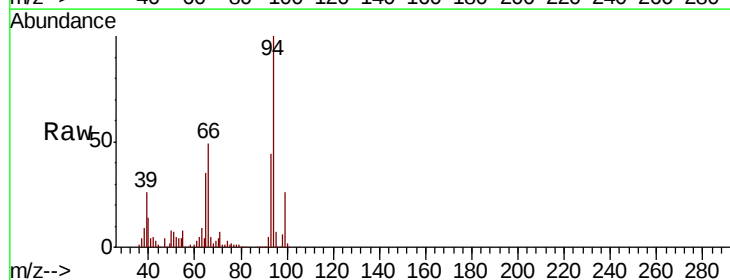
Tgt Ion: 94 Resp: 484146

Ion Ratio Lower Upper

94 100

65 34.9 12.6 52.6

66 49.4 25.6 65.6

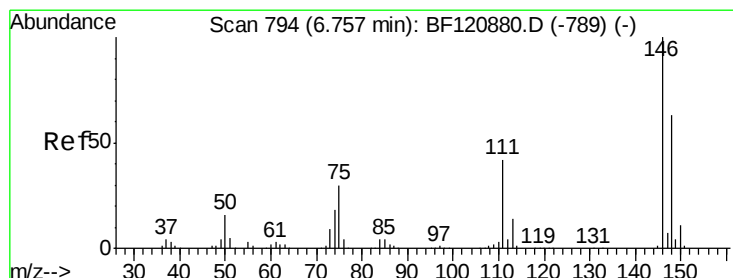
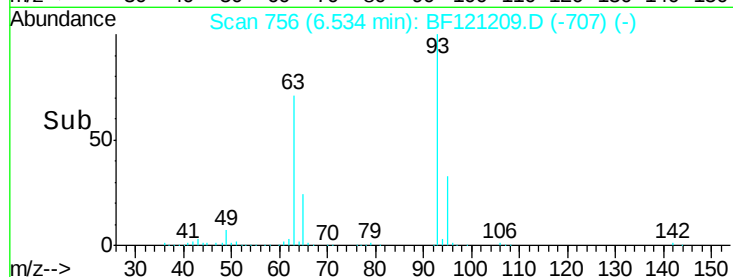
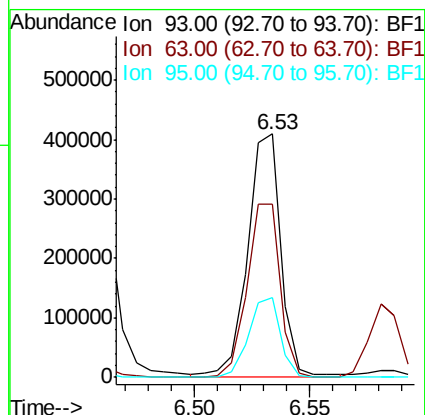
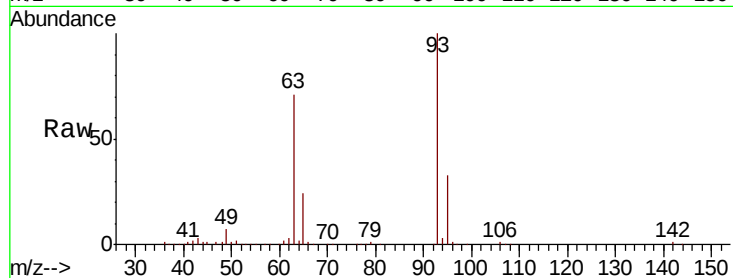




#11
bis(2-Chloroethyl)ether
Concen: 41.427 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

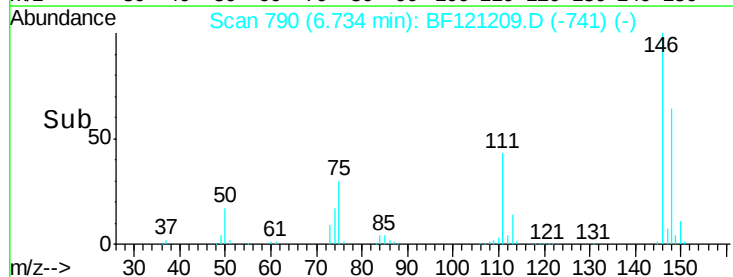
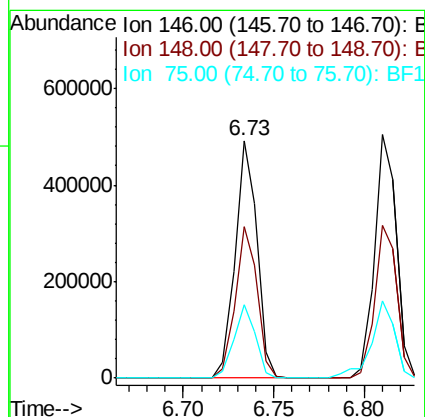
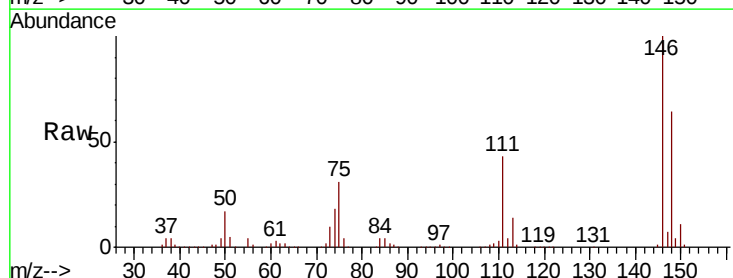
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

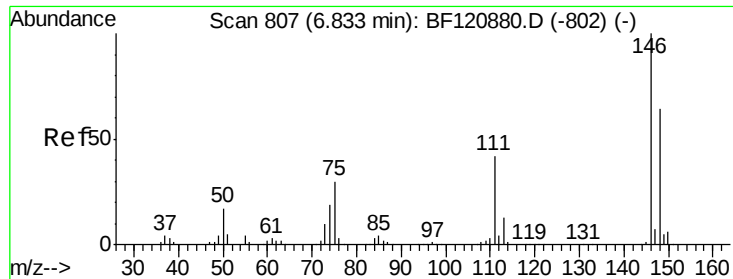
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	51.9	91.9
95	32.6	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 37.712 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
75	31.1	23.8	35.6

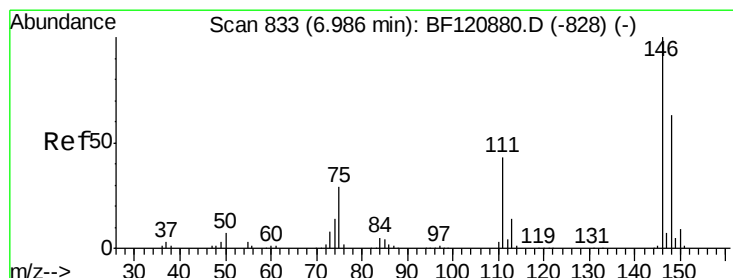
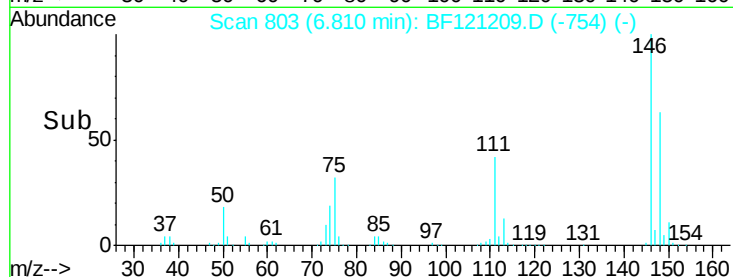
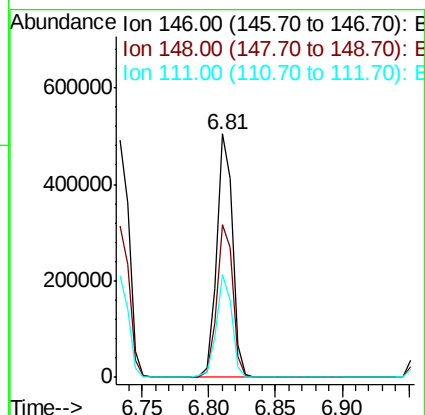
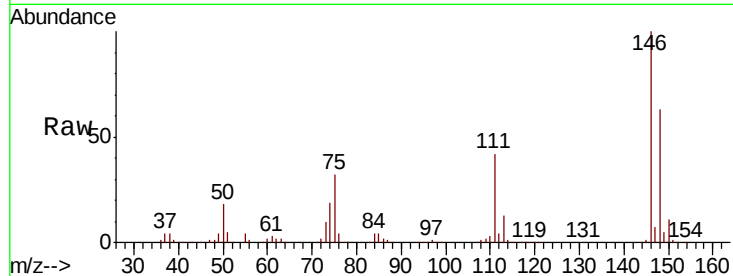




#13
 1,4-Dichlorobenzene
 Concen: 38.824 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

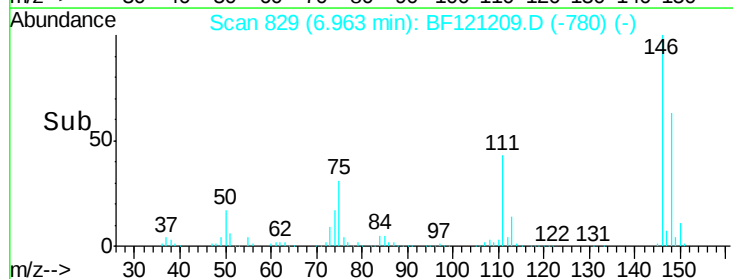
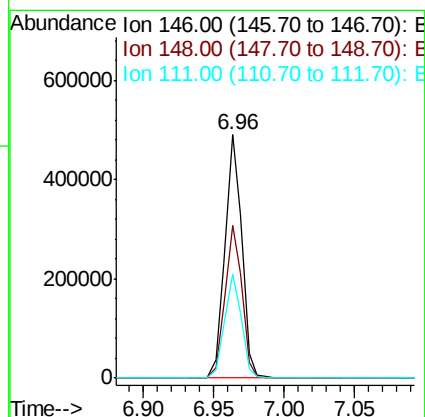
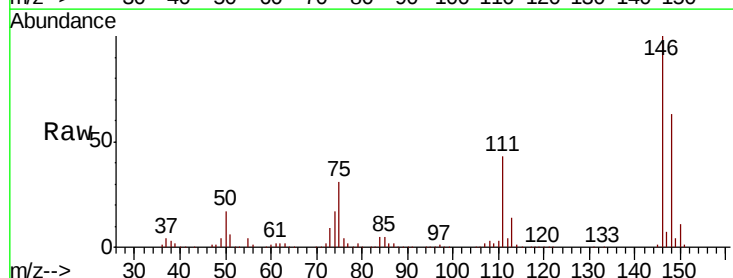
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

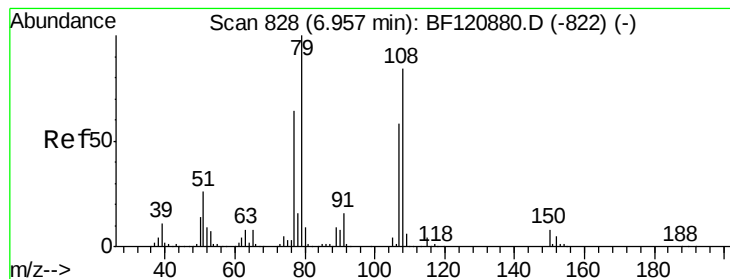
Tot Ion:146 Resp: 423192
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.5 75.7
 111 42.0 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.509 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion:146 Resp: 407420
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 43.0 35.4 53.0





#15

Benzyl Alcohol

Concen: 40.004 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

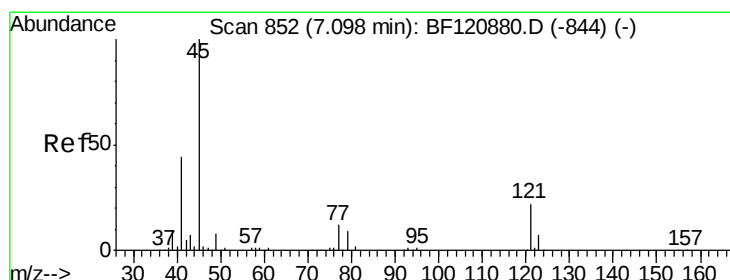
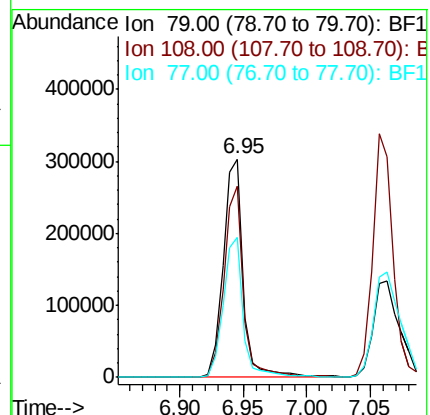
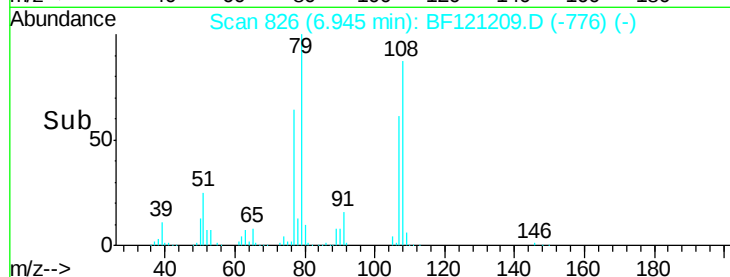
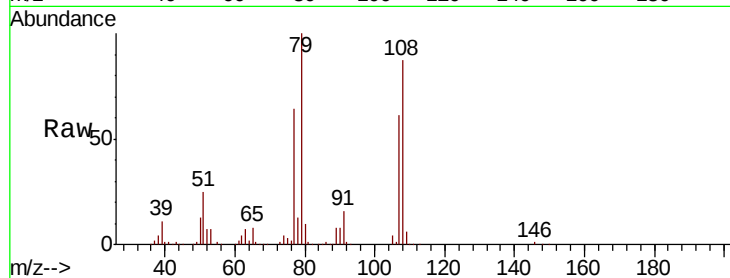
Tot Ion: 79 Resp: 335354

Ion Ratio Lower Upper

79 100

108 87.4 68.6 103.0

77 64.0 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.234 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

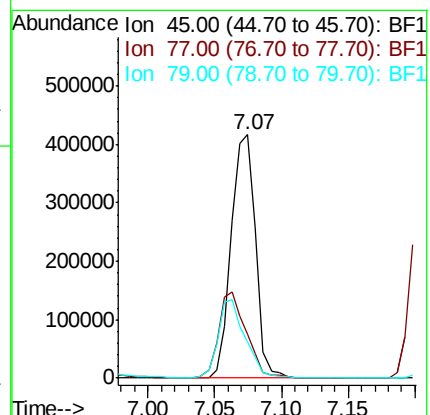
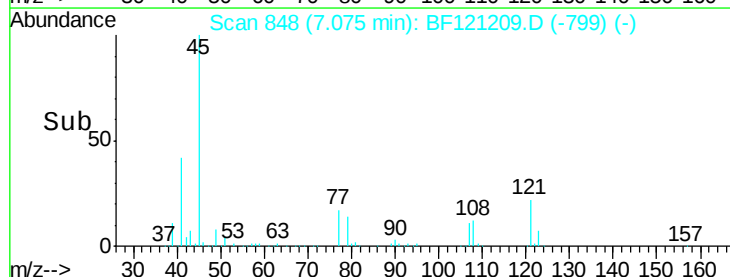
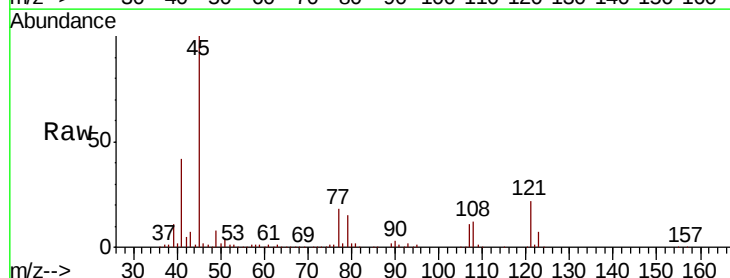
Tgt Ion: 45 Resp: 536331

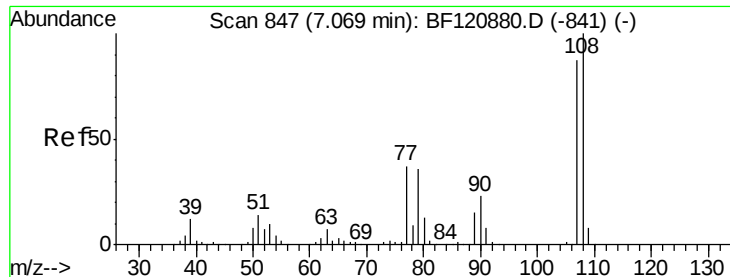
Ion Ratio Lower Upper

45 100

77 18.0 0.0 34.7

79 15.1 0.0 32.0





#17

2-Methylphenol

Concen: 36.019 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:107 Resp: 322740

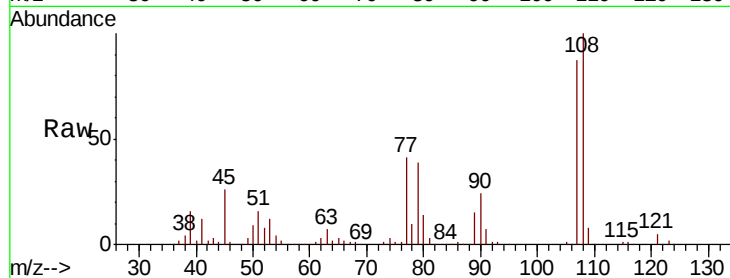
Ion Ratio Lower Upper

107 100

108 114.4 91.2 136.8

77 46.9 36.5 54.7

79 44.2 35.0 52.6

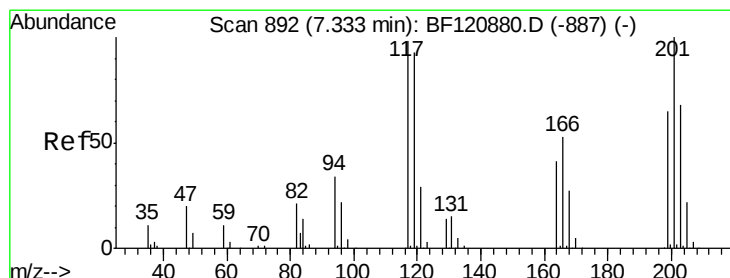
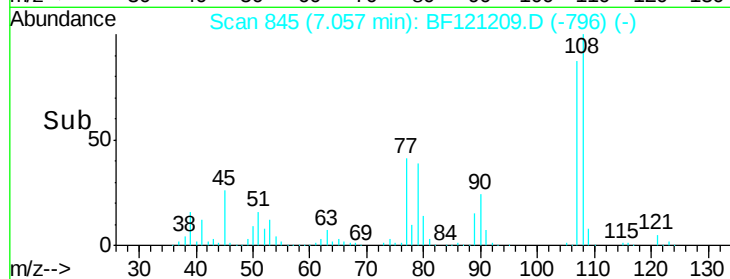
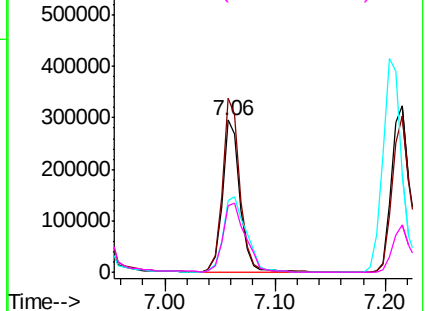


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.114 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

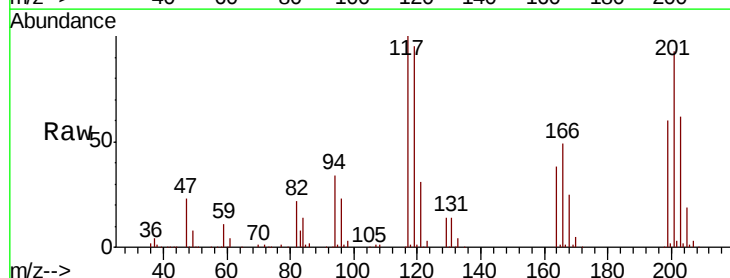
Tgt Ion:117 Resp: 146426

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8

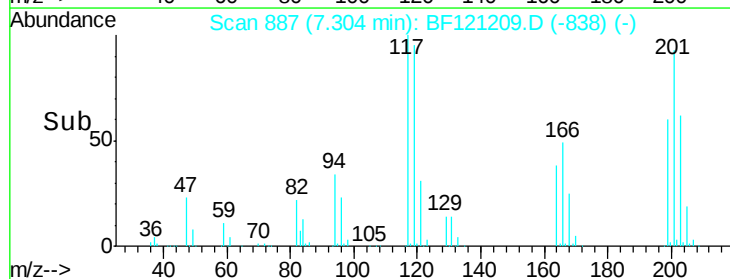
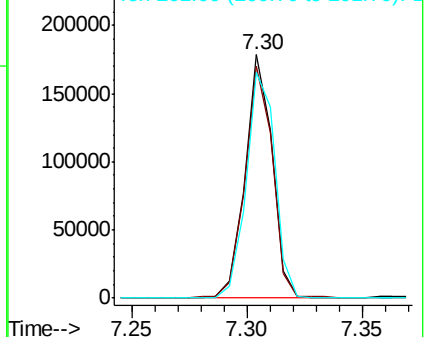
201 92.9 75.0 112.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

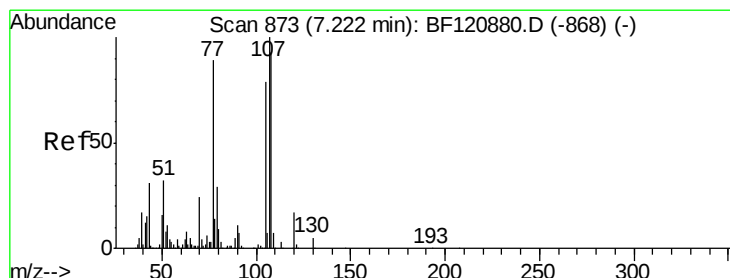
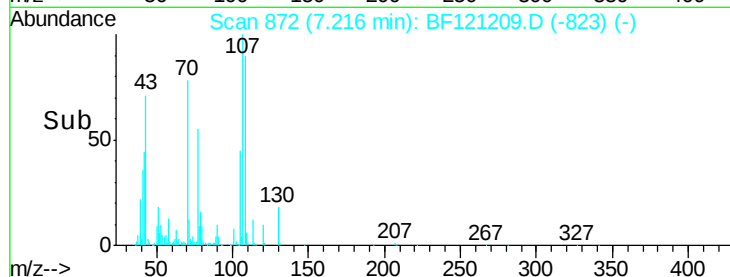
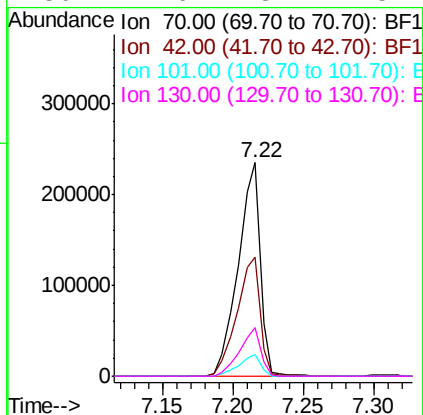
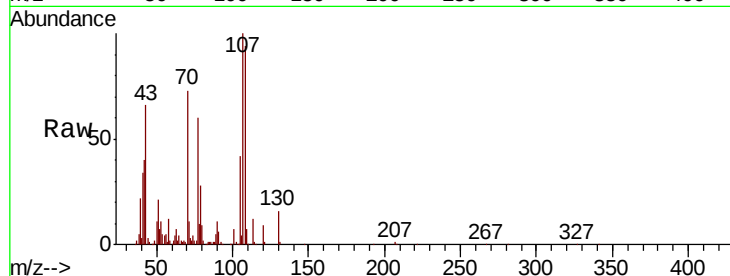




#19
n-Nitroso-di-n-propylamine
Concen: 38.122 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

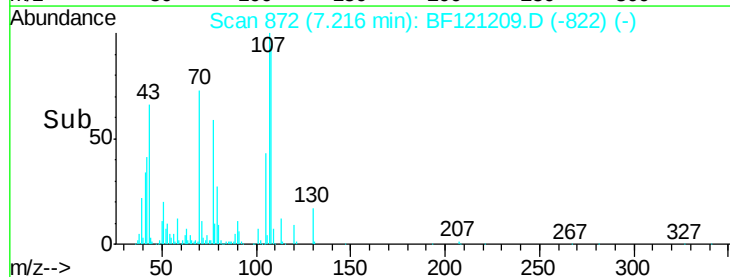
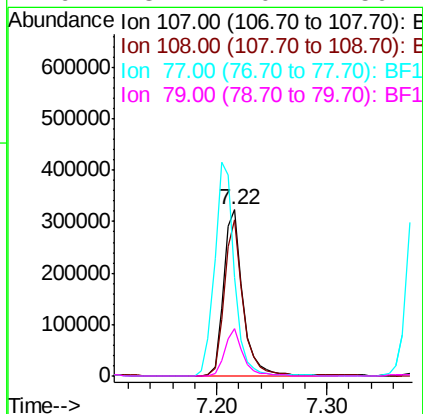
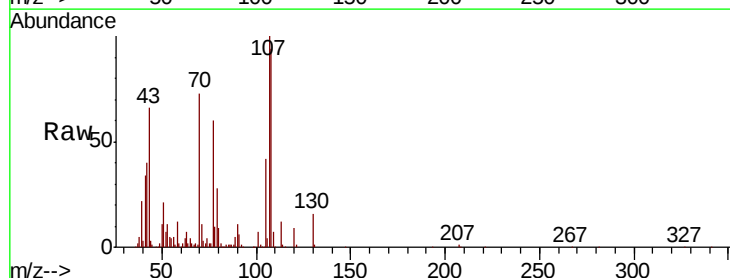
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

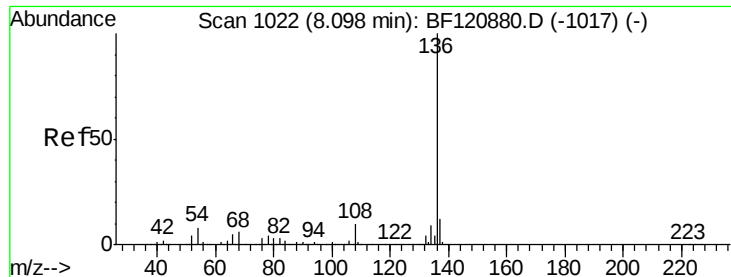
Tot Ion:	70	Resp:	256965
Ion	Ratio	Lower	Upper
70	100		
42	55.5	43.3	64.9
101	10.1	8.4	12.6
130	22.6	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.349 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:	107	Resp:	391521
Ion	Ratio	Lower	Upper
107	100		
108	94.3	73.7	113.7
77	59.6	84.9	124.9
79	28.4	10.7	50.7

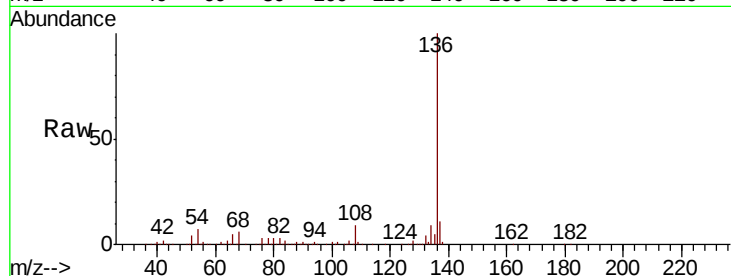




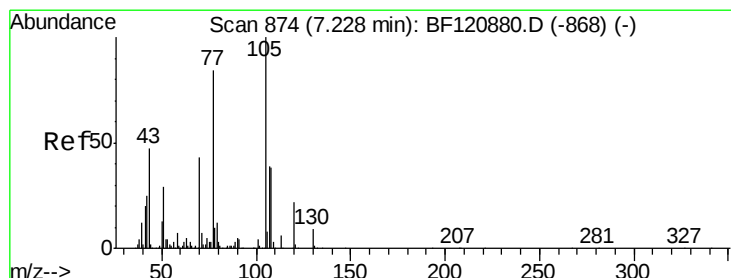
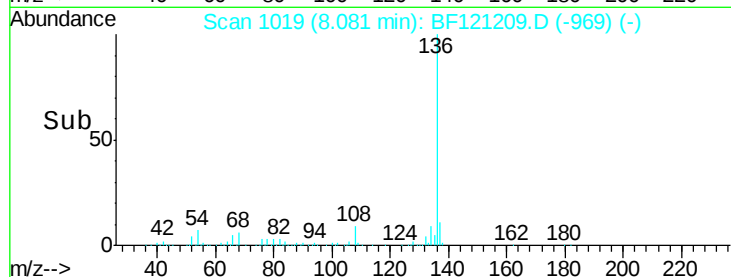
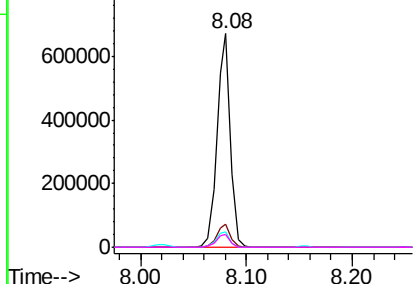
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:136	Resp:	599235
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.0	6.1 9.1
68	5.7	5.0 7.6

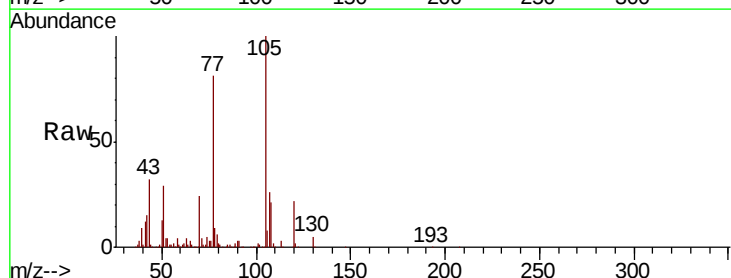


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

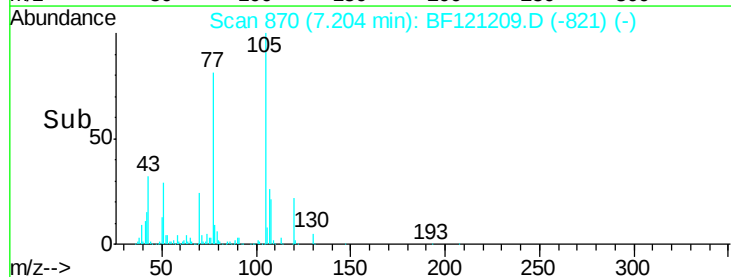
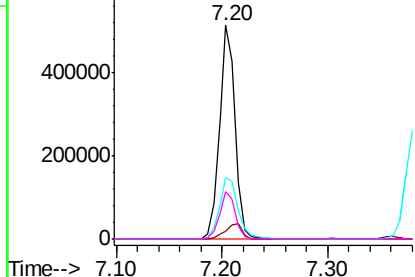


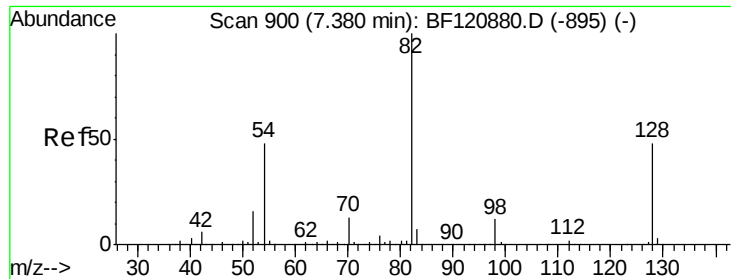
#22
Acetophenone
Concen: 39.734 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:105	Resp:	534372
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.8 5.8
51	29.0	28.0 42.0
120	22.2	17.8 26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

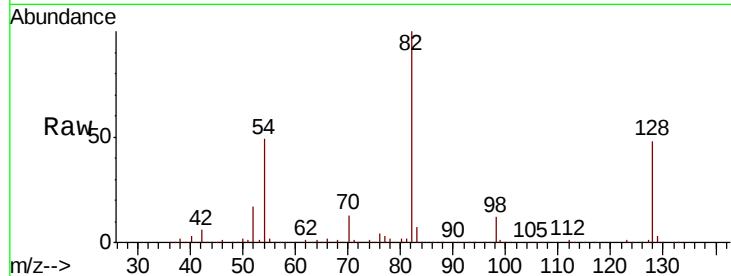




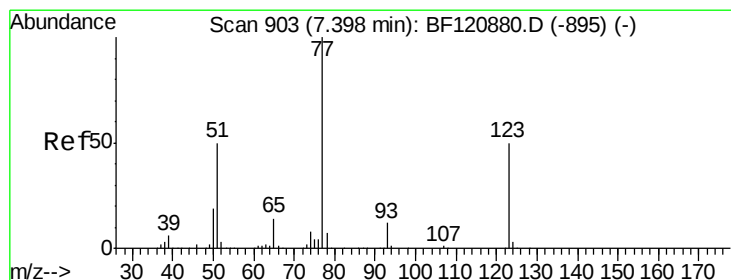
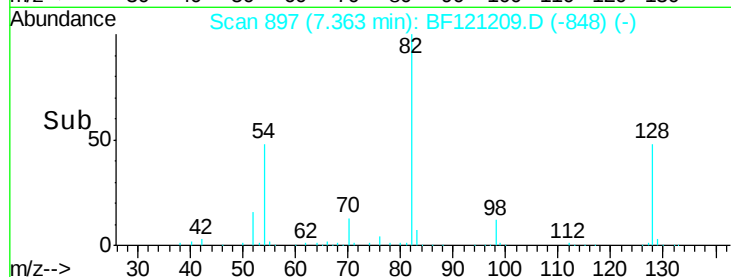
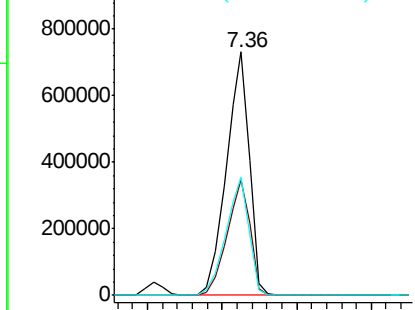
#23
 Nitrobenzene-d5
 Concen: 76.640 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampled :
 JB-1AMSD

Tot Ion	82	Resp	793686
Ion Ratio	Lower	Upper	
82	100		
128	47.6	39.2	58.8
54	48.7	37.8	56.8

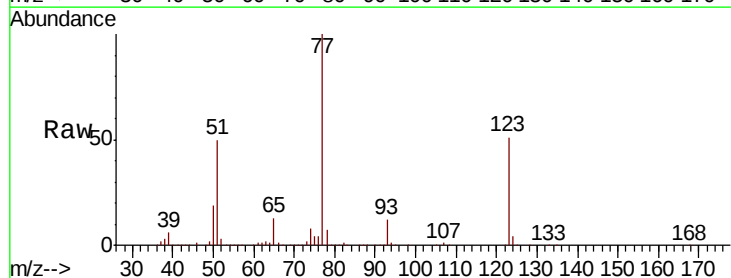


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

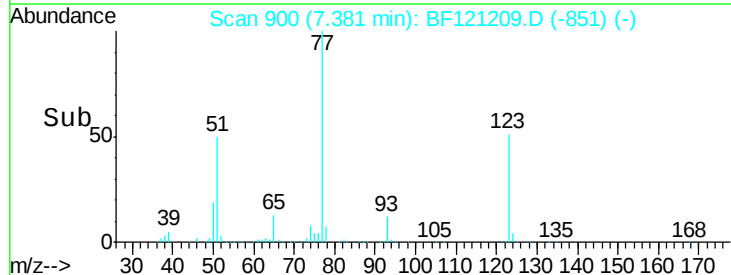
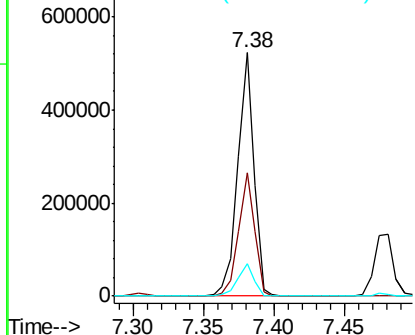


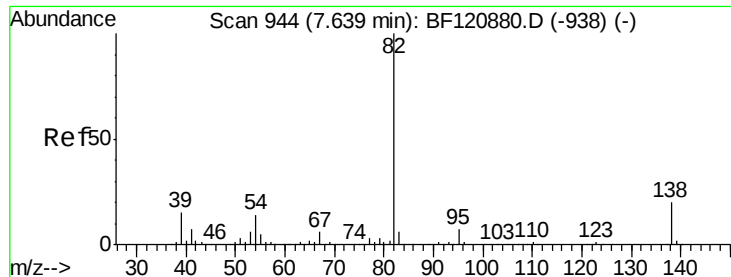
#24
 Nitrobenzene
 Concen: 37.438 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	77	Resp	417881
Ion Ratio	Lower	Upper	
77	100		
123	50.8	41.0	61.6
65	13.4	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.623 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

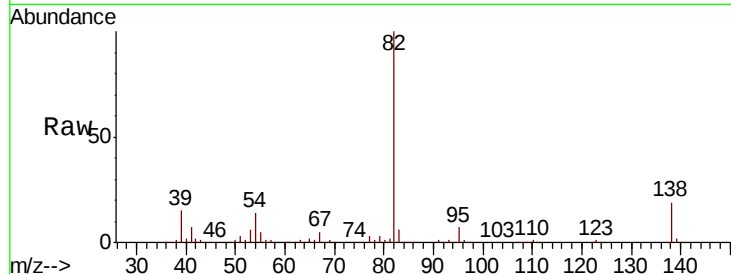
Tot Ion: 82 Resp: 756939

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

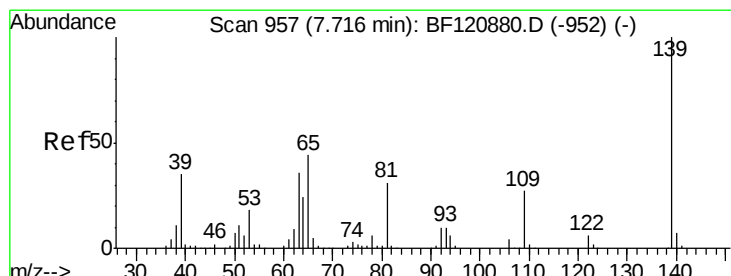
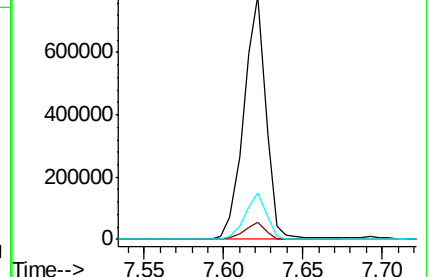
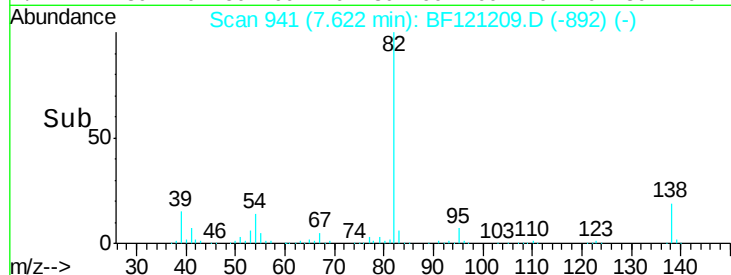
138 19.2 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.877 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

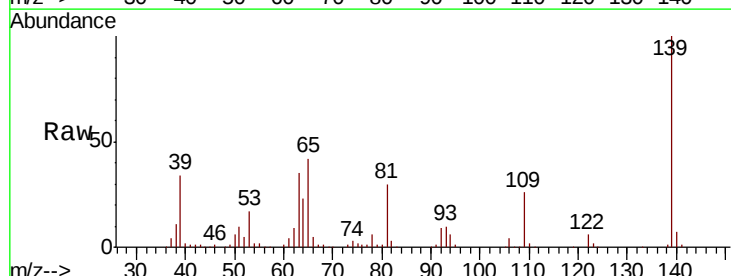
Tgt Ion: 139 Resp: 227298

Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

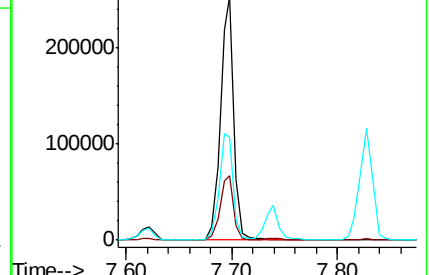
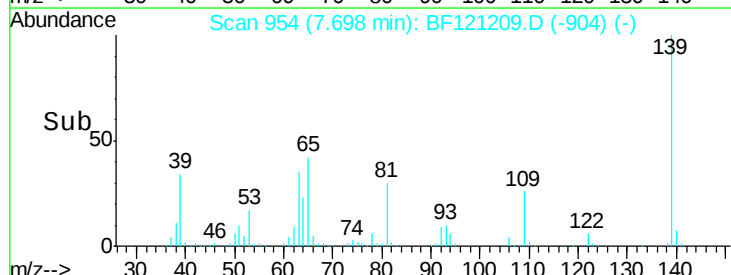
65 42.3 36.3 54.5

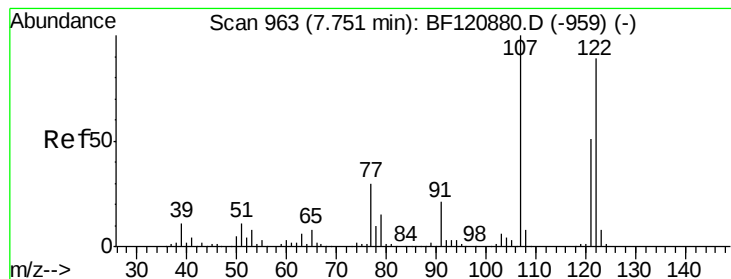


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.022 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

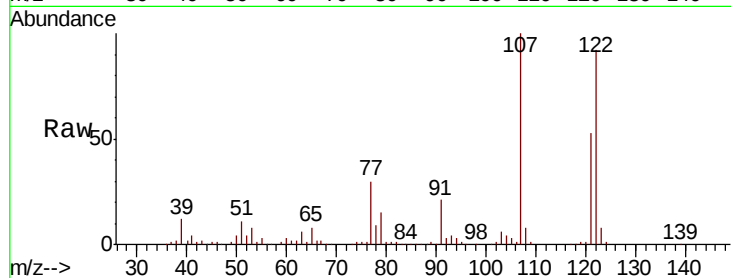
Tot Ion:122 Resp: 344467

Ion Ratio Lower Upper

122 100

107 108.9 87.1 130.7

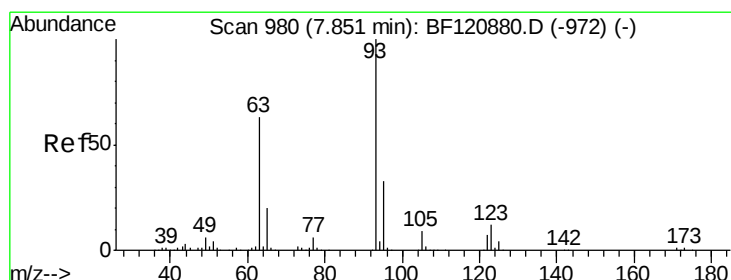
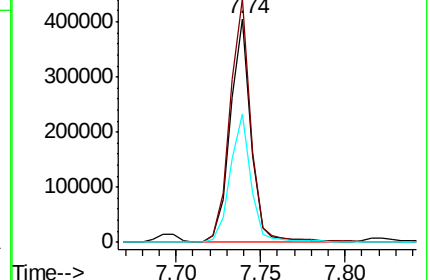
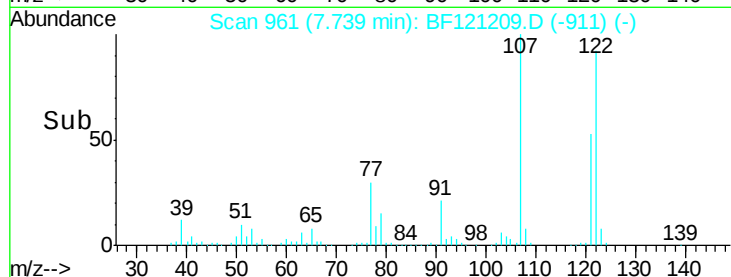
121 57.2 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.531 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

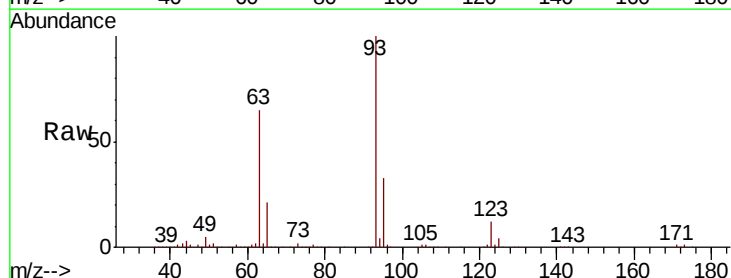
Tgt Ion: 93 Resp: 486124

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

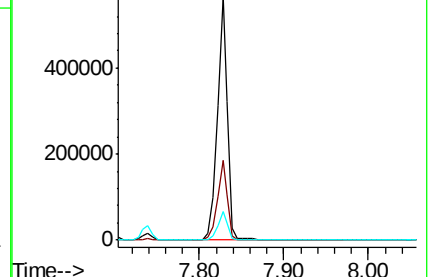
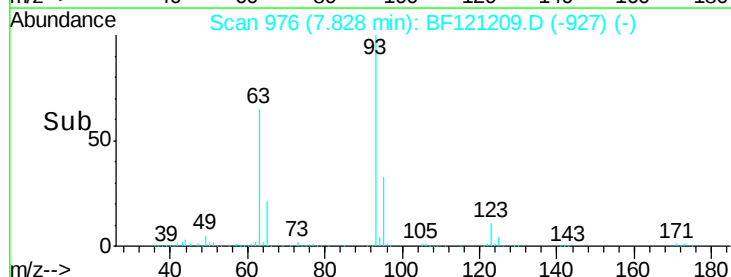
123 11.6 9.5 14.3

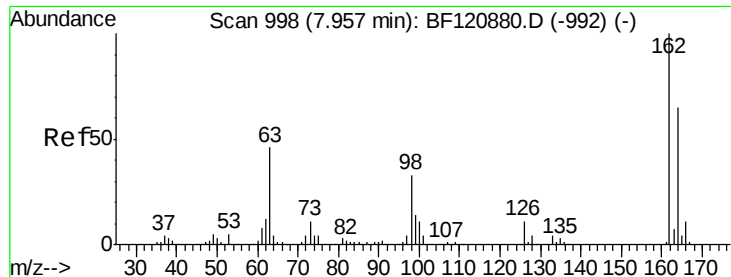


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

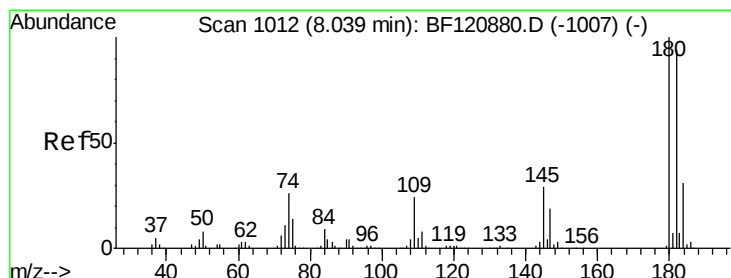
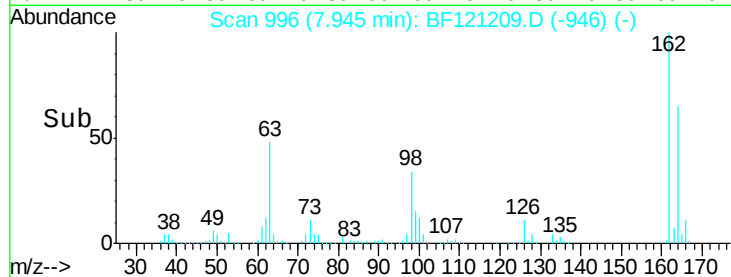
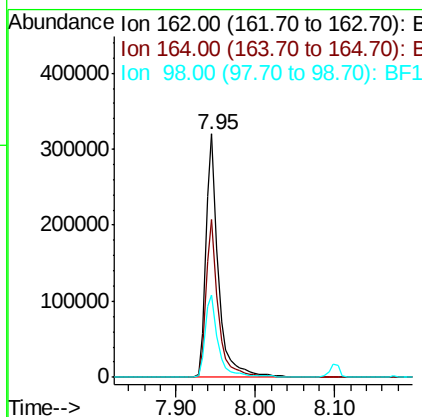
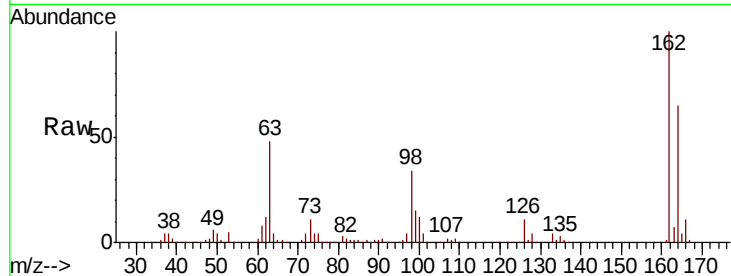




#29
 2,4-Dichlorophenol
 Concen: 40.056 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

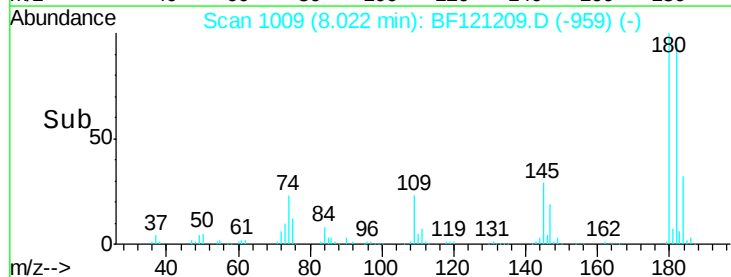
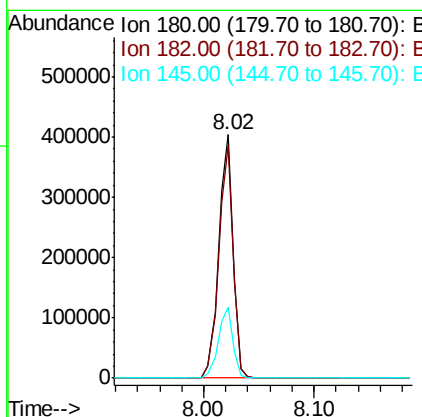
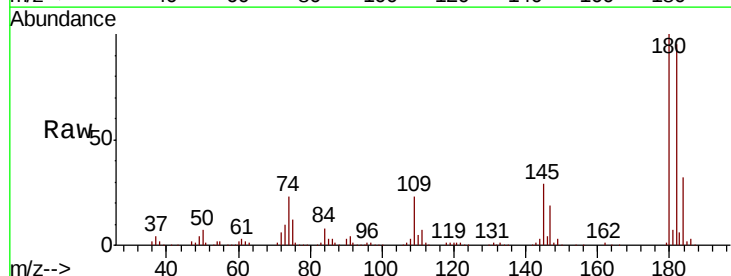
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

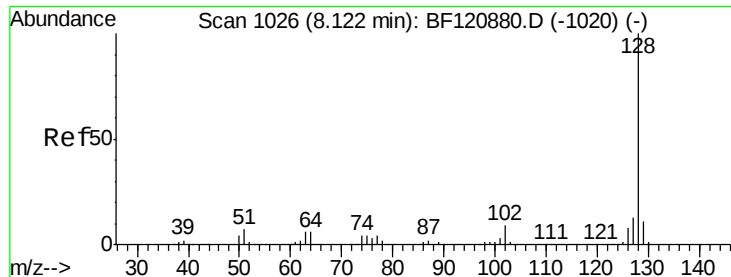
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.7	84.7
98	34.0	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 37.385 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	29.2	24.2	36.4

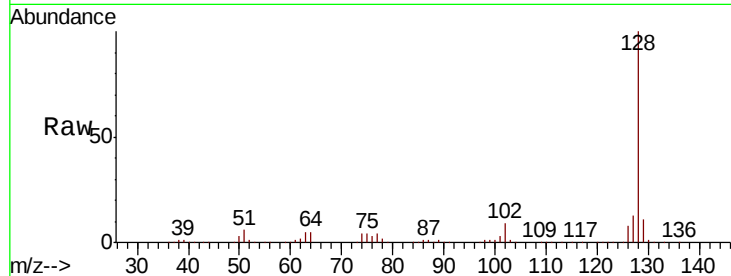




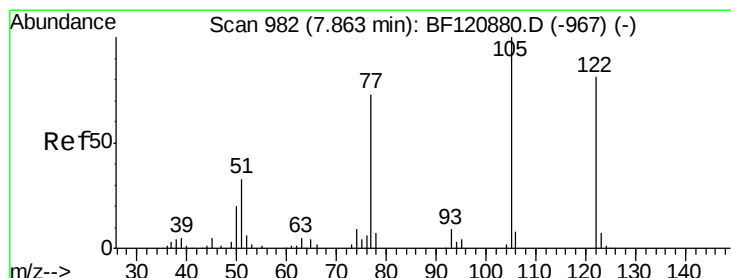
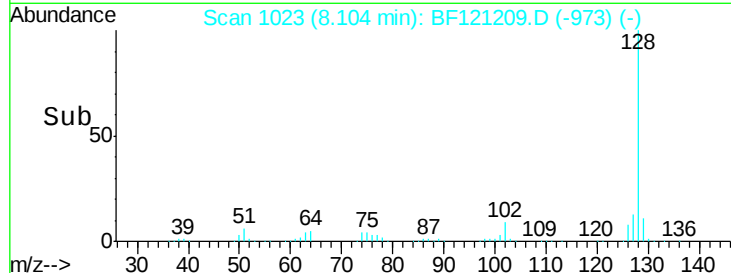
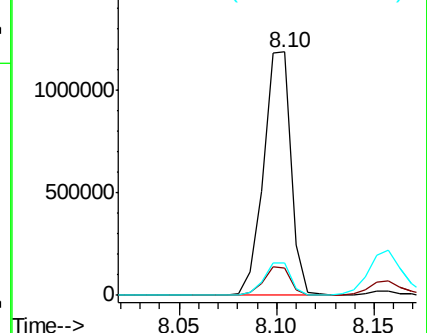
#31
Naphthalene
Concen: 37.692 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:128 Resp: 1158564
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.3 10.8 16.2

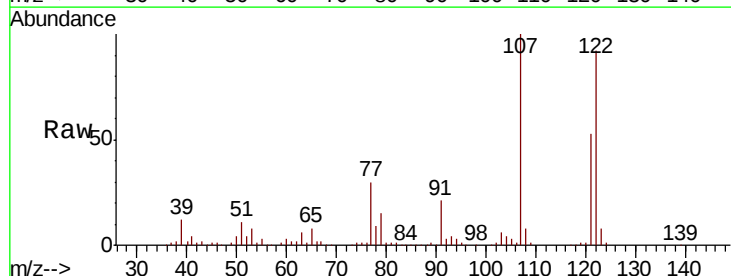


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

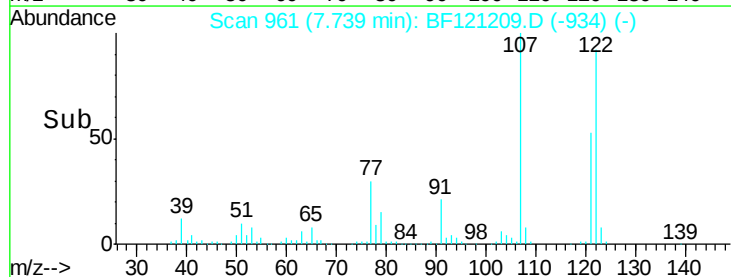
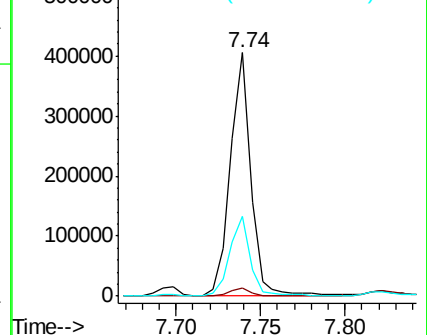


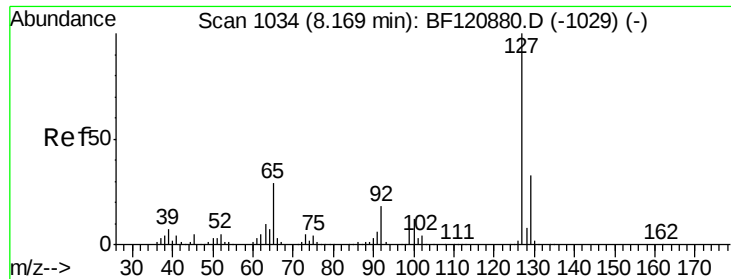
#32
Benzoic acid
Concen: 53.315 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.14 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:122 Resp: 344467
Ion Ratio Lower Upper
122 100
105 3.4 100.9 140.9#
77 32.5 67.8 107.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

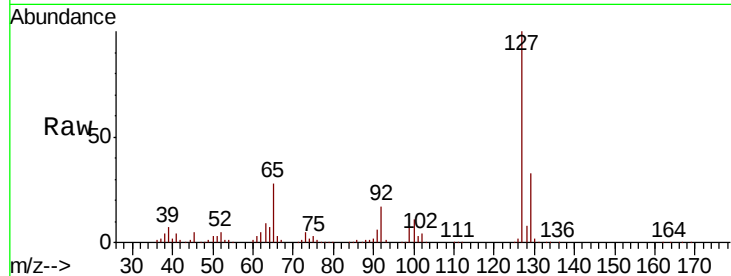




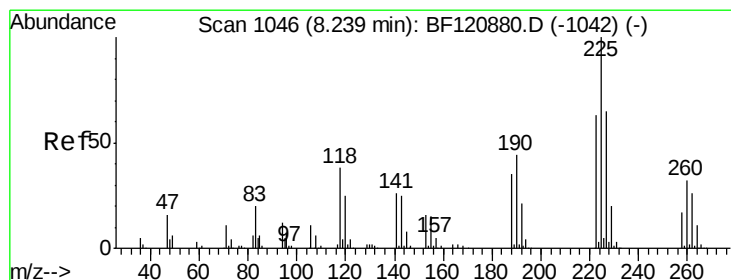
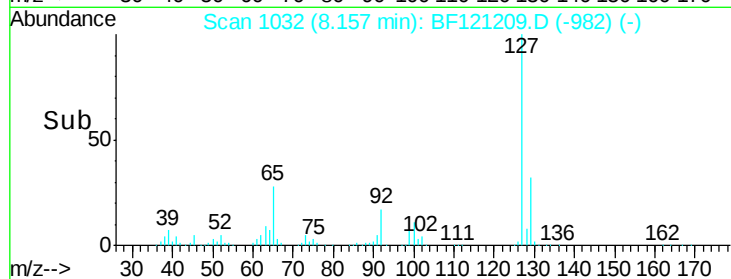
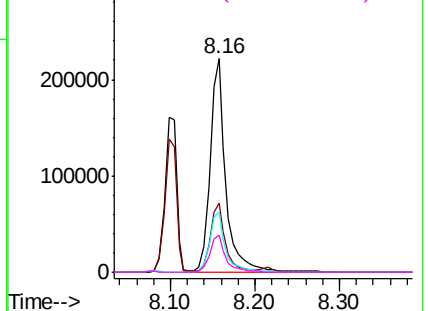
#33
4-Chloroaniline
Concen: 21.050 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:	127	Resp:	288639
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.9	21.4	32.0
92	17.4	13.8	20.8

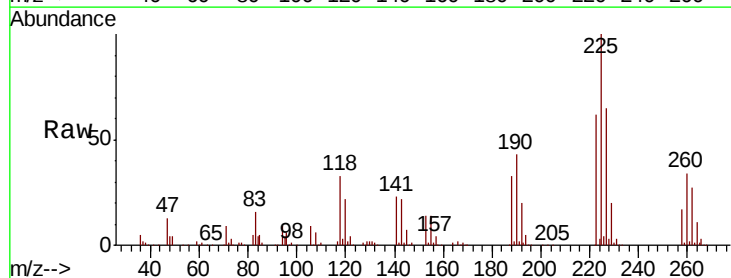


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

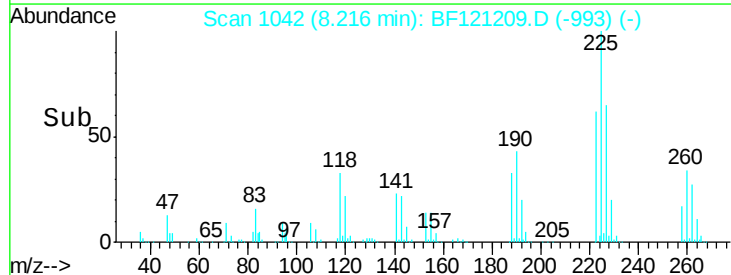
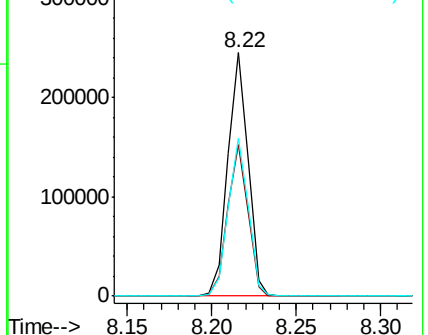


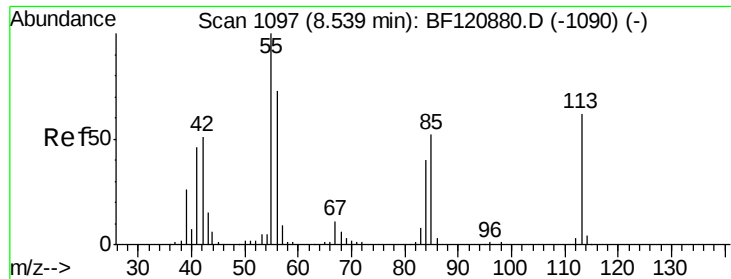
#34
Hexachlorobutadiene
Concen: 35.369 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:	225	Resp:	203452
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	64.7	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.929 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

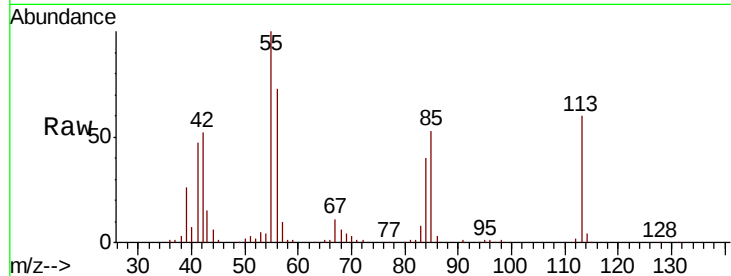
Tot Ion:113 Resp: 87233

Ion Ratio Lower Upper

113 100

55 166.9 131.0 171.0

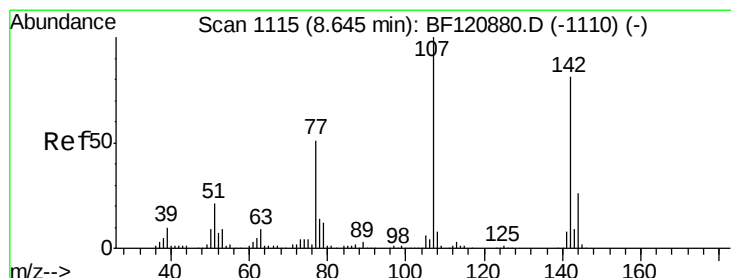
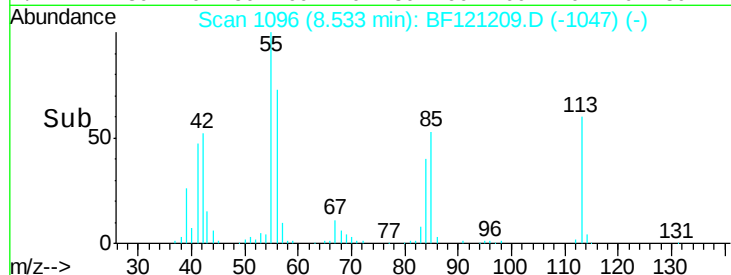
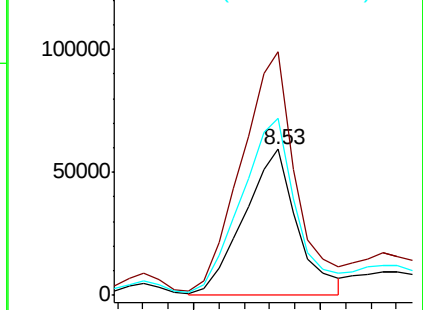
56 121.4 90.4 130.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.467 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

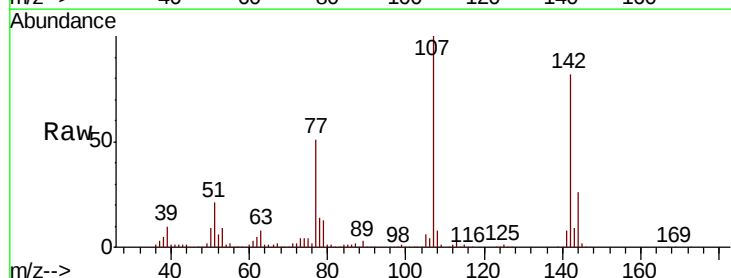
Tgt Ion:107 Resp: 355996

Ion Ratio Lower Upper

107 100

144 26.0 20.9 31.3

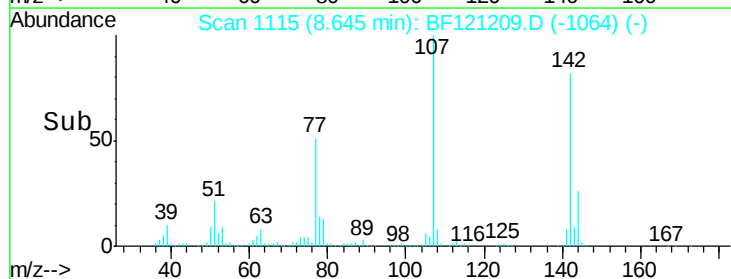
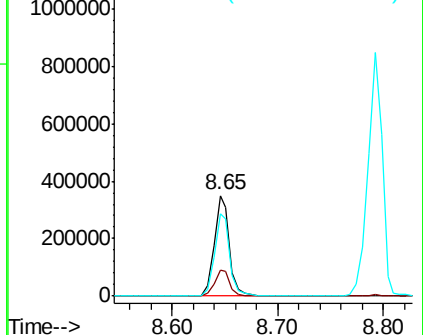
142 81.7 64.5 96.7

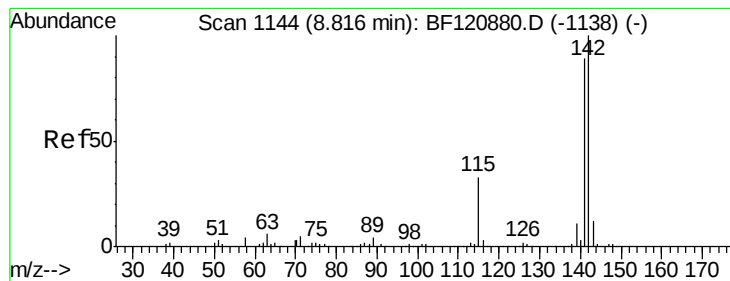


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.361 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

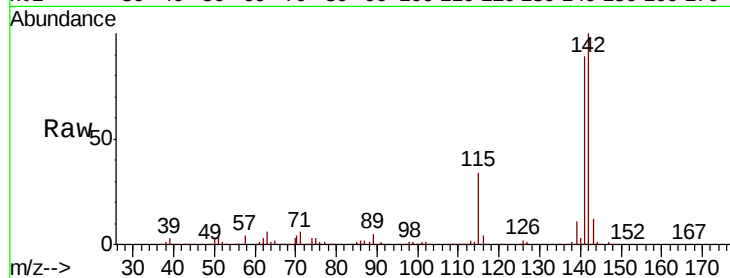
Tot Ion:142 Resp: 785574

Ion Ratio Lower Upper

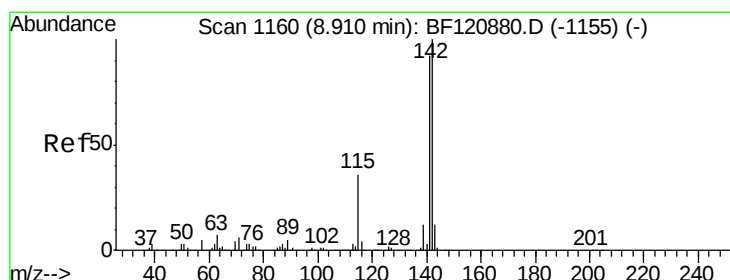
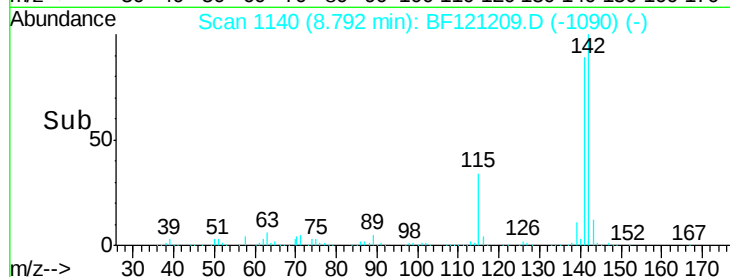
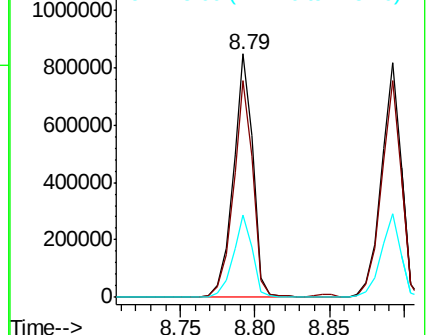
142 100

141 88.8 70.6 105.8

115 33.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.997 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

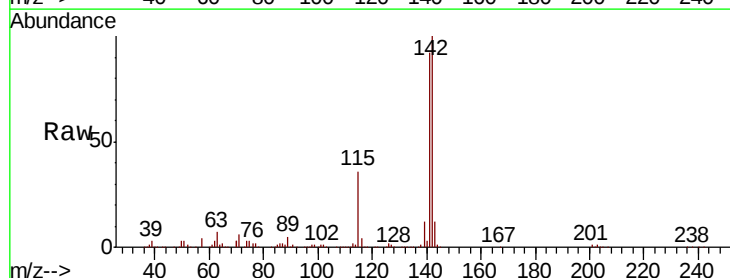
Tgt Ion:142 Resp: 737136

Ion Ratio Lower Upper

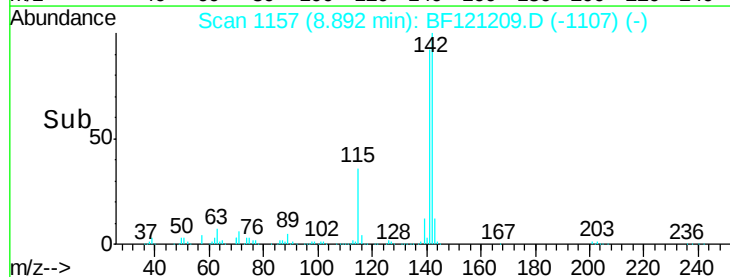
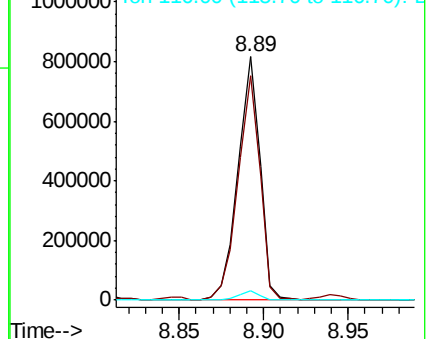
142 100

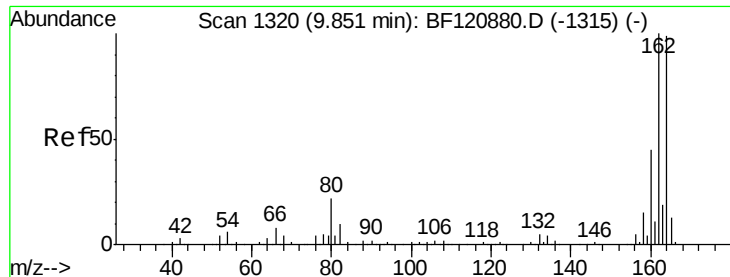
141 92.3 73.0 109.6

116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

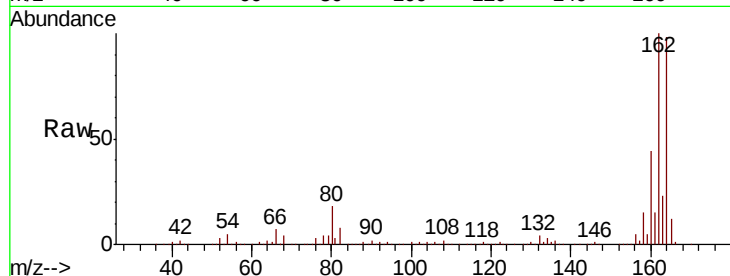
Tot Ion:164 Resp: 313419

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

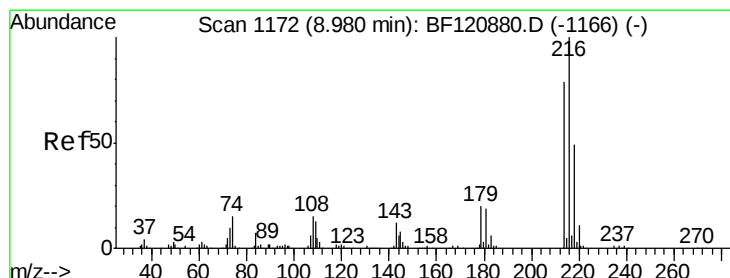
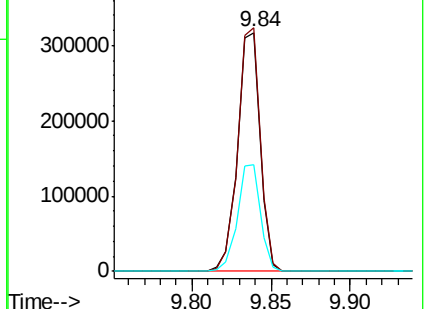
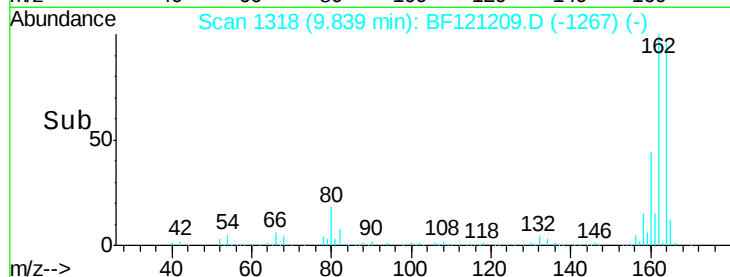
160 44.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.547 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:216 Resp: 361129

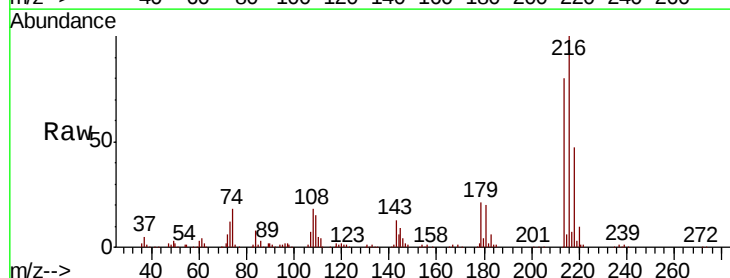
Ion Ratio Lower Upper

216 100

214 79.3 63.9 95.9

179 20.4 16.6 24.8

108 18.1 15.0 22.4

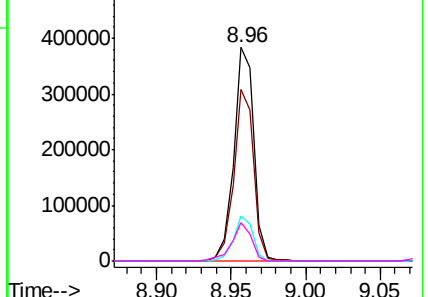
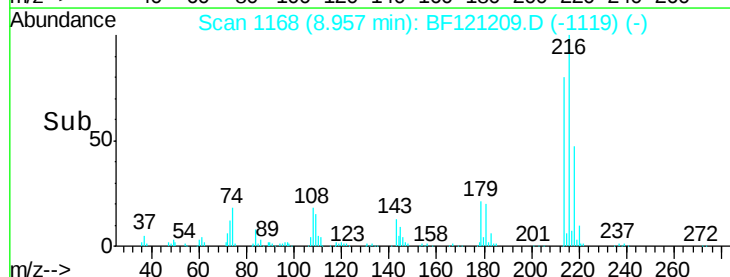


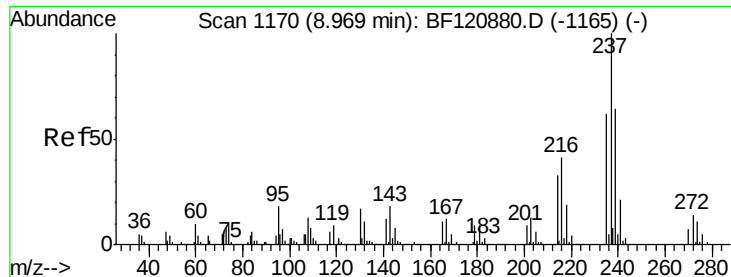
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

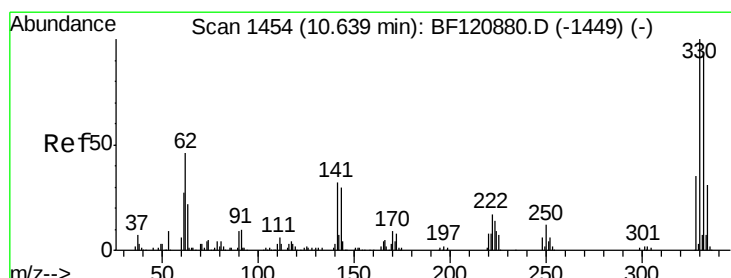
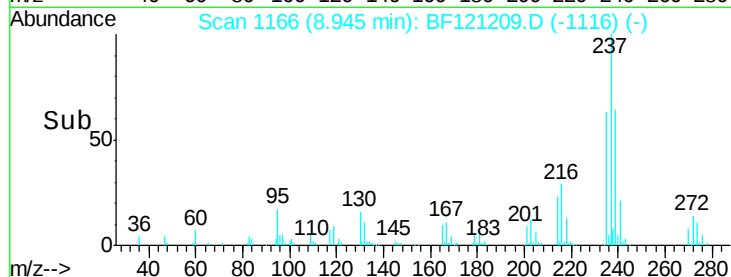
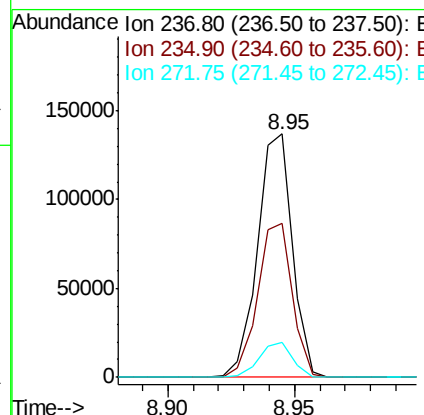
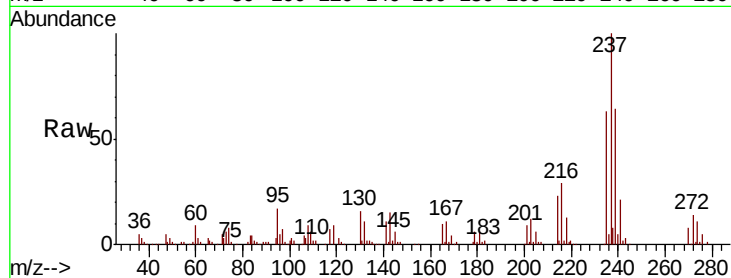




#41
Hexachlorocyclopentadiene
Concen: 25.949 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

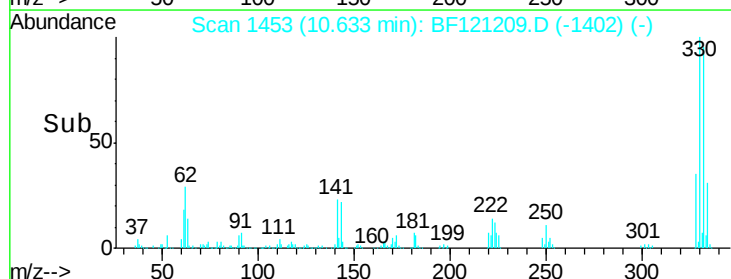
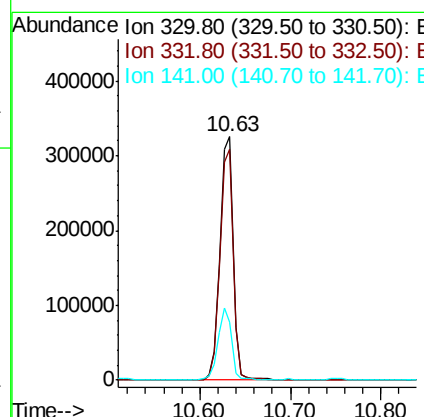
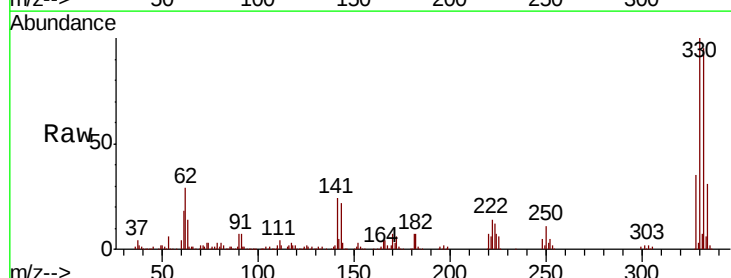
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

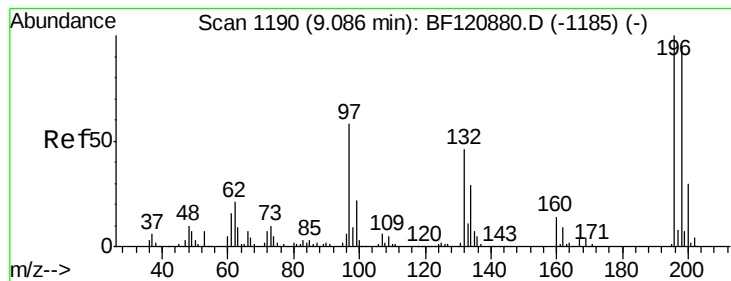
Tot Ion:237 Resp: 130962
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 14.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 96.240 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:330 Resp: 330169
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 29.7 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 38.269 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

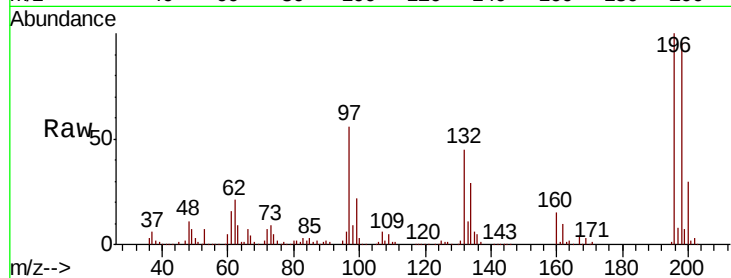
Tot Ion:196 Resp: 246055

Ion Ratio Lower Upper

196 100

198 95.6 77.5 116.3

200 30.0 24.6 37.0

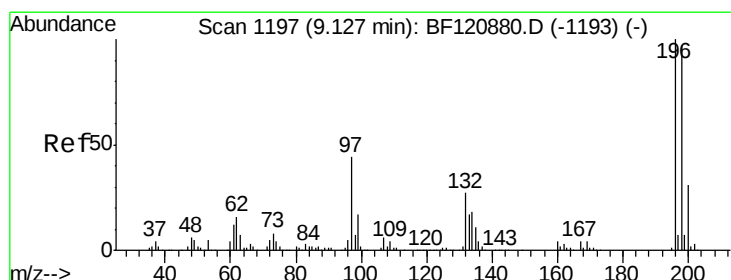
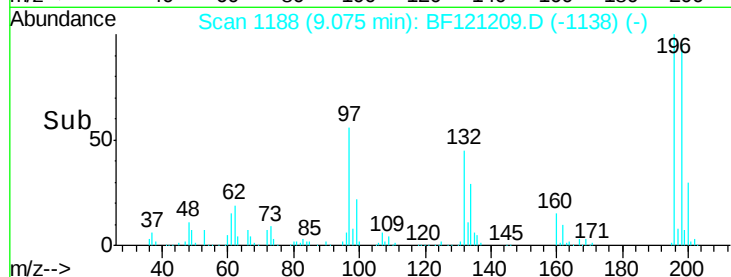
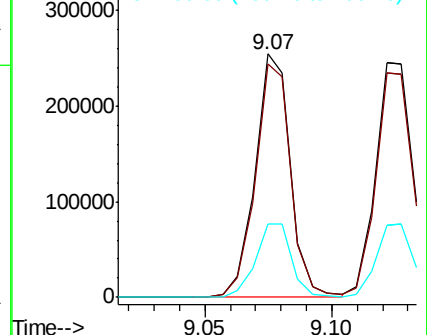


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 36.187 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:196 Resp: 263916

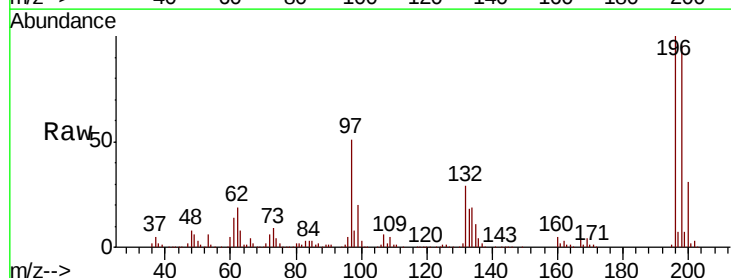
Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.4

97 50.9 37.3 55.9

132 29.3 22.0 33.0



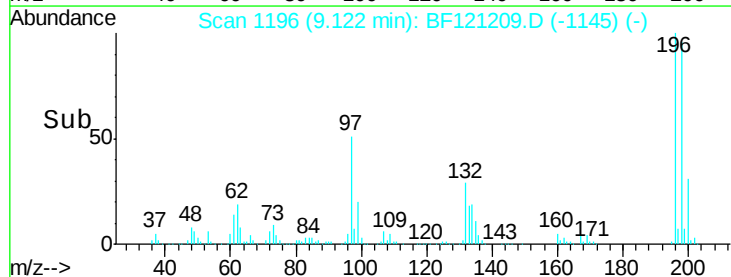
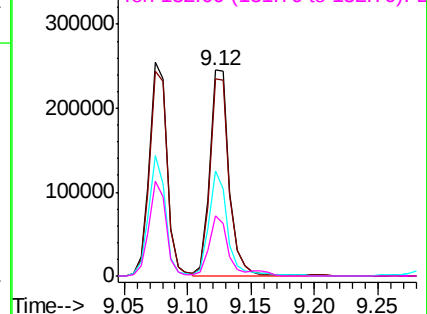
Abundance

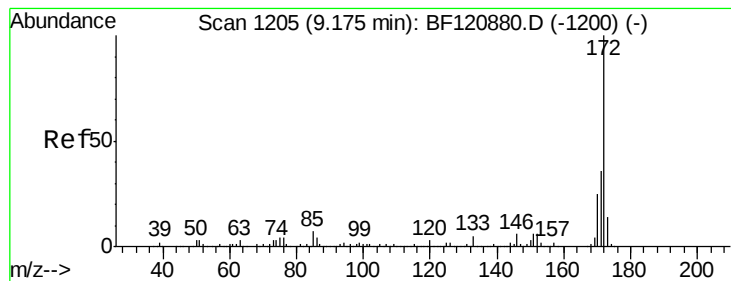
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 64.240 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

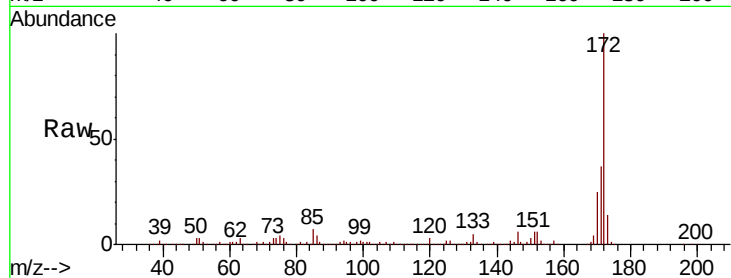
BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion:172 Resp: 1348515

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.9	19.6	29.4

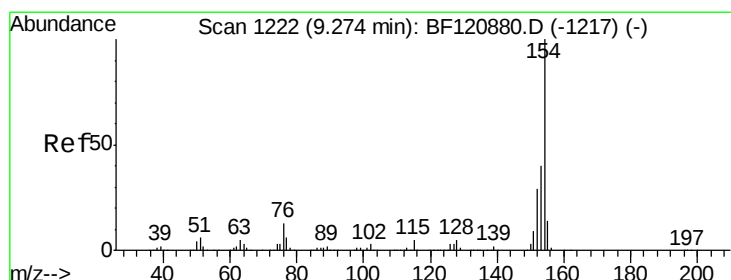
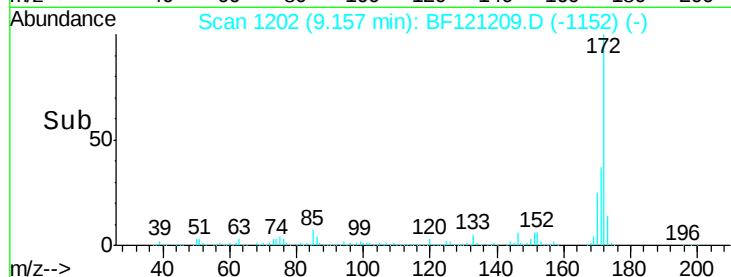
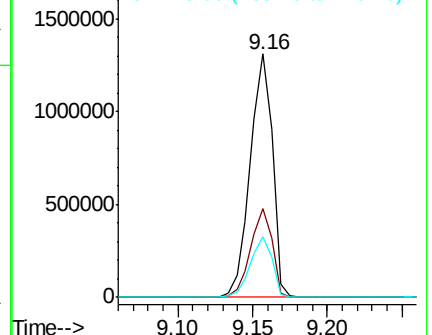


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.940 ng

RT: 9.26 min Scan# 1219

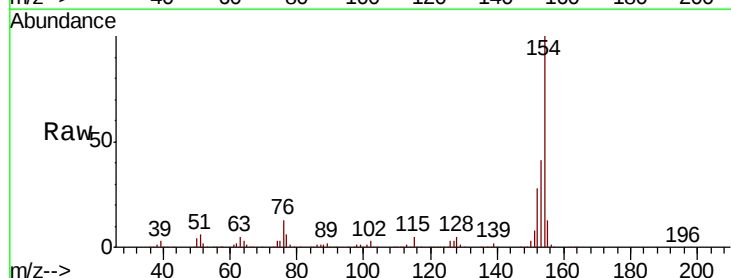
Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion:154 Resp: 930951

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.2	0.0	33.4

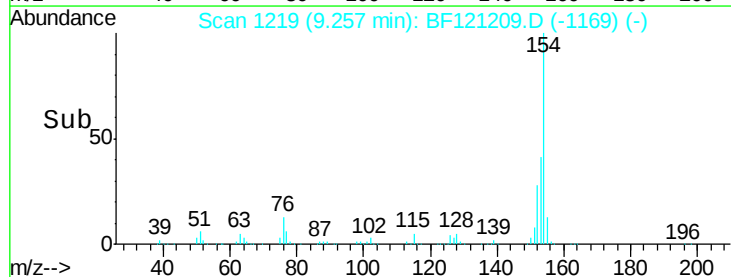
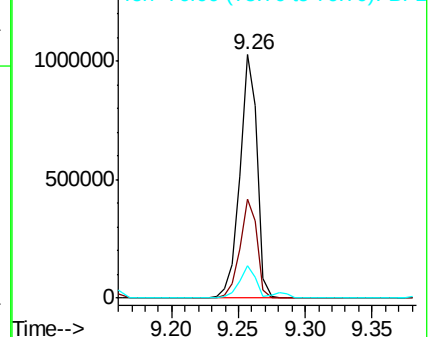


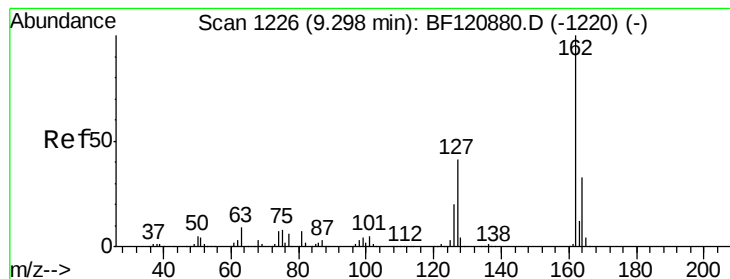
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 36.345 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

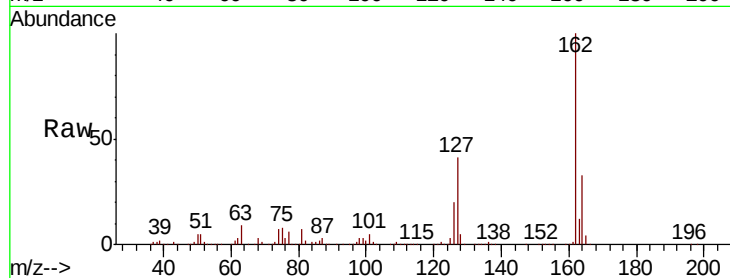
Tot Ion:162 Resp: 708429

Ion Ratio Lower Upper

162 100

127 40.7 31.1 46.7

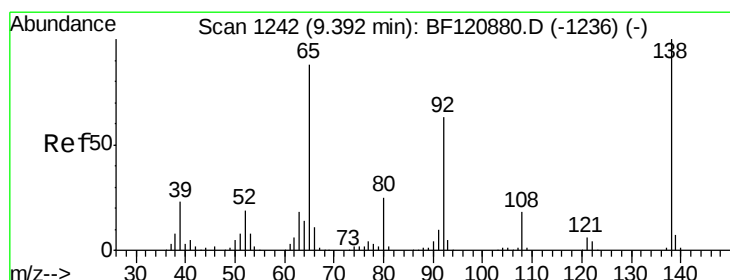
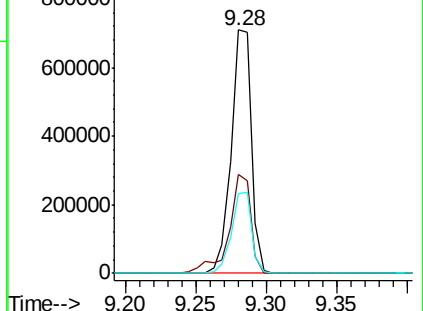
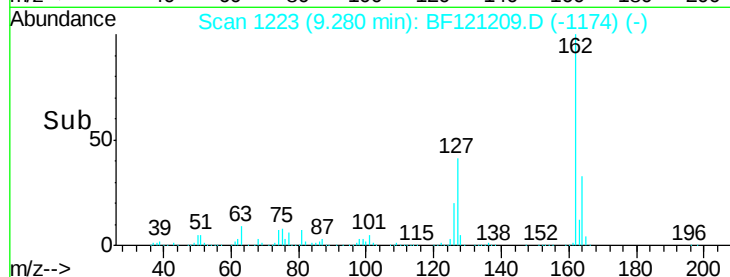
164 32.7 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.630 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

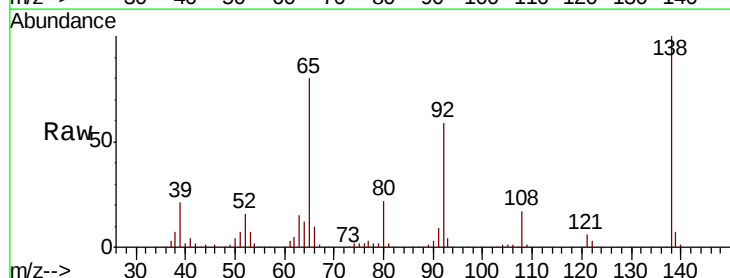
Tgt Ion: 65 Resp: 233443

Ion Ratio Lower Upper

65 100

92 73.5 58.0 87.0

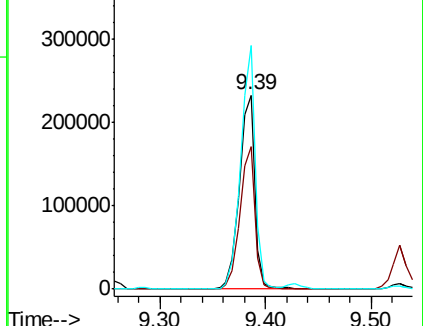
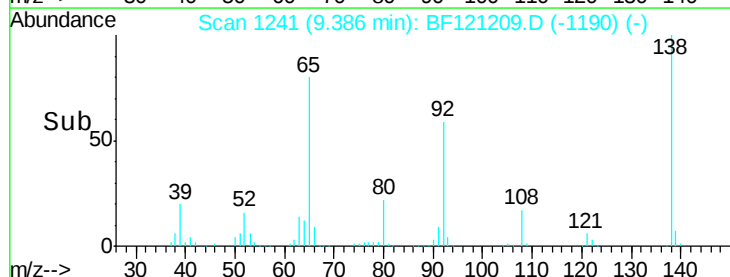
138 125.3 93.3 139.9

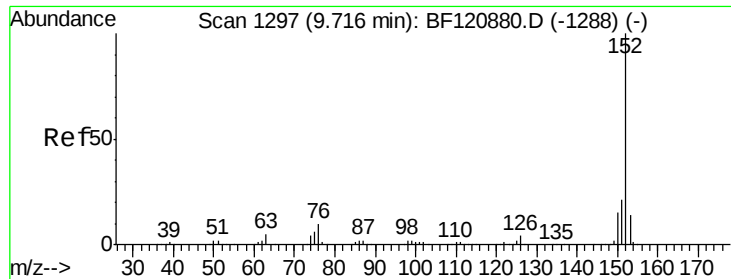


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.178 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

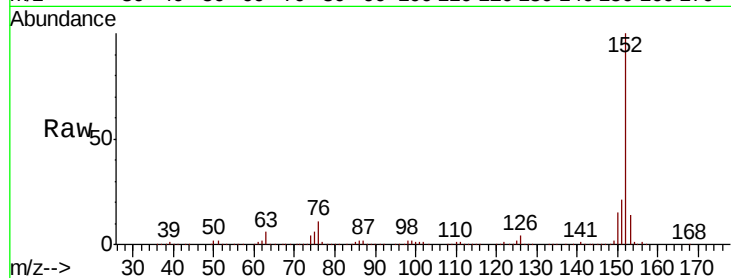
Tot Ion:152 Resp: 1156072

Ion Ratio Lower Upper

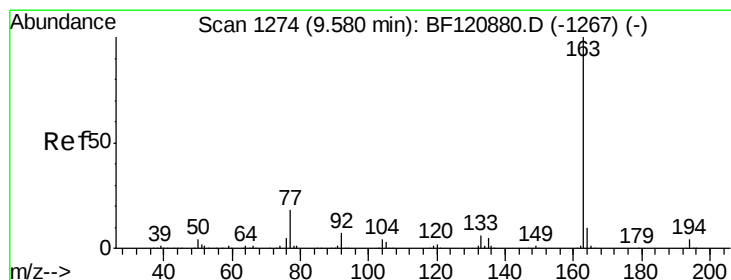
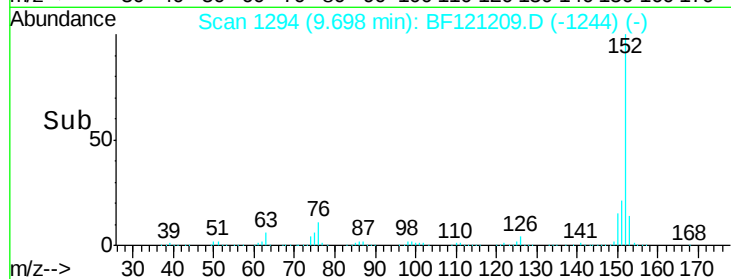
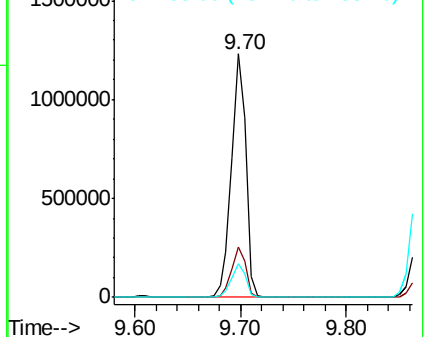
152 100

151 20.6 16.6 25.0

153 13.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.566 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

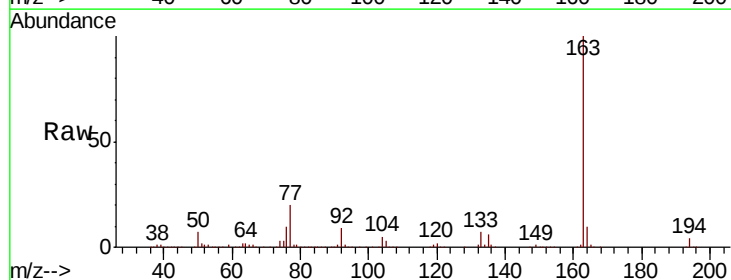
Tgt Ion:163 Resp: 1075530

Ion Ratio Lower Upper

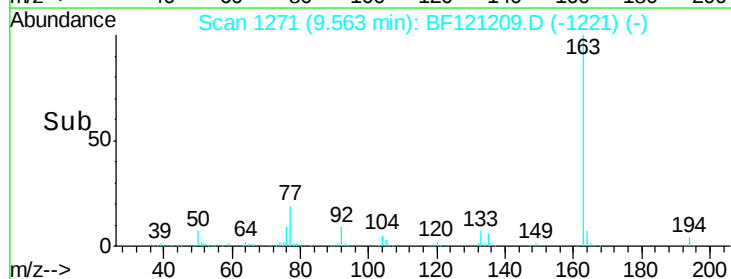
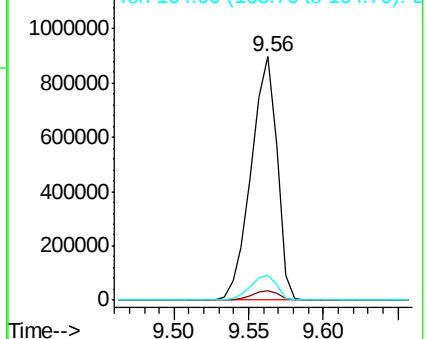
163 100

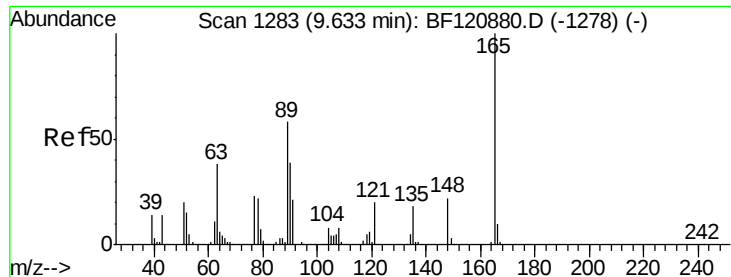
194 3.9 3.0 4.4

164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

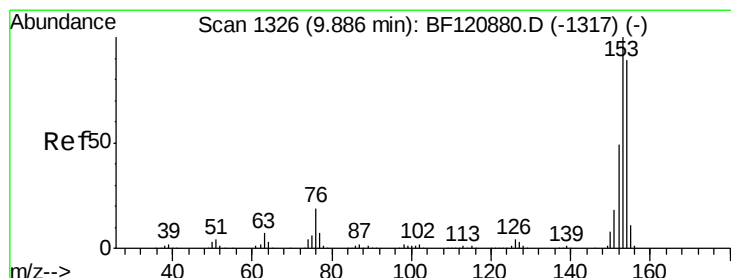
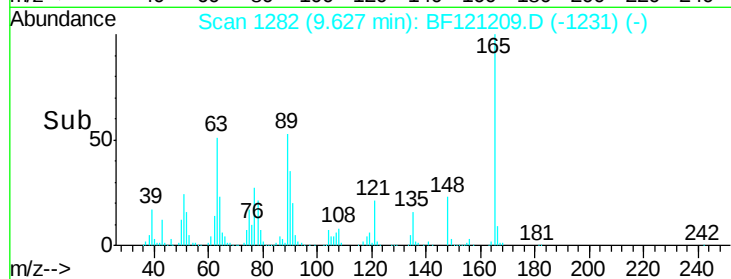
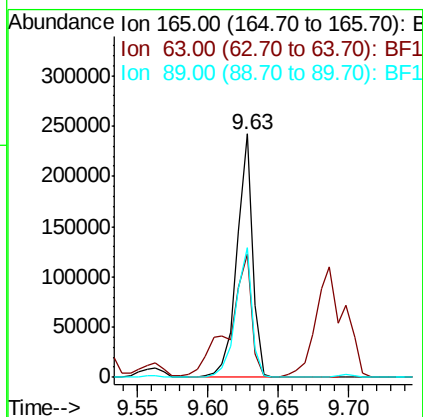
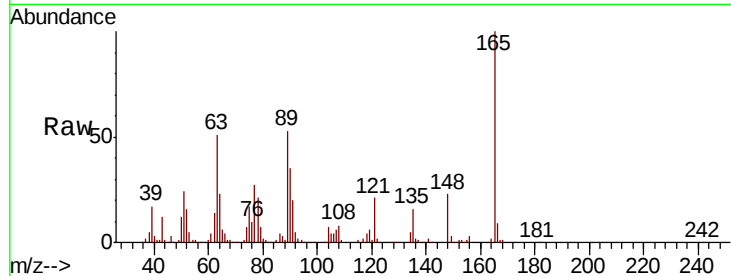




#51
2,6-Dinitrotoluene
Concen: 38.577 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

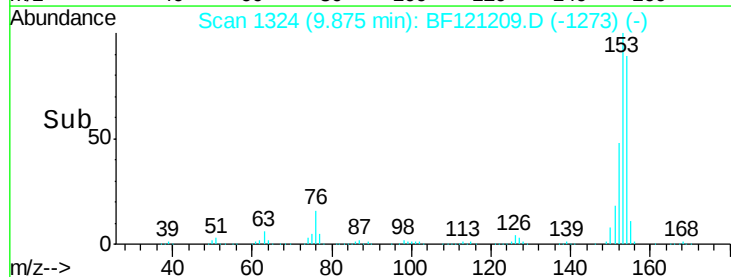
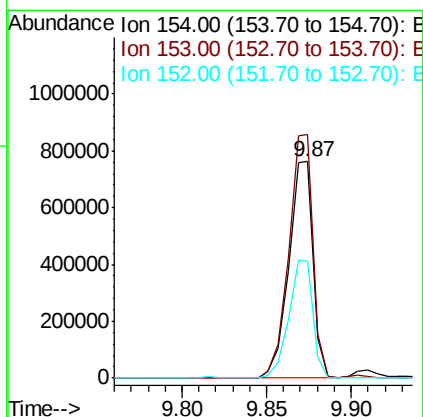
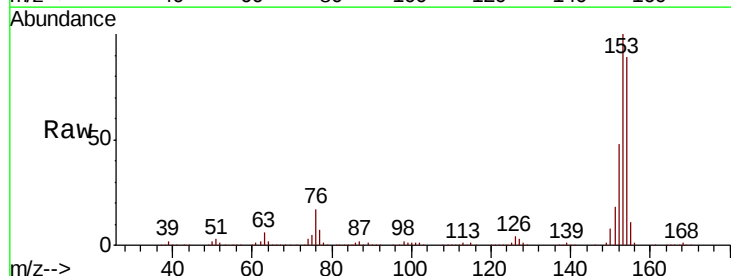
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

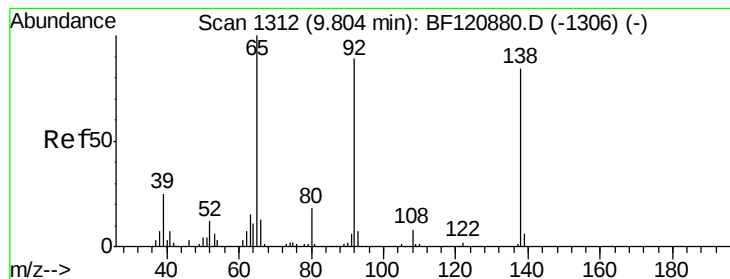
Tot Ion:165 Resp: 187398
Ion Ratio Lower Upper
165 100
63 50.7 41.1 61.7
89 53.2 43.5 65.3



#52
Acenaphthene
Concen: 39.852 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:154 Resp: 767230
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 53.9 43.8 65.6





#53

3-Nitroaniline

Concen: 25.162 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

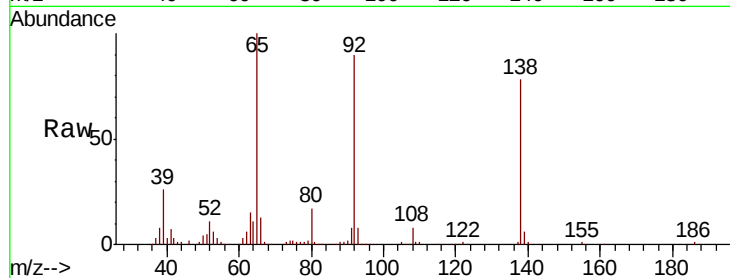
Tot Ion:138 Resp: 153304

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.8

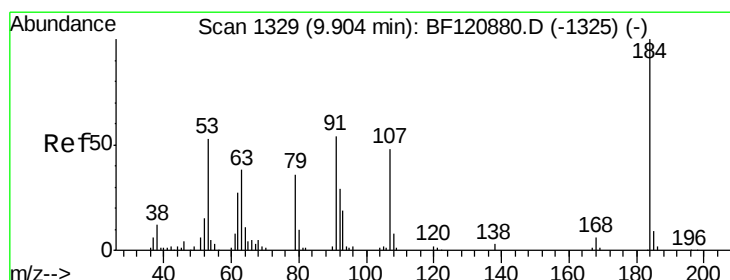
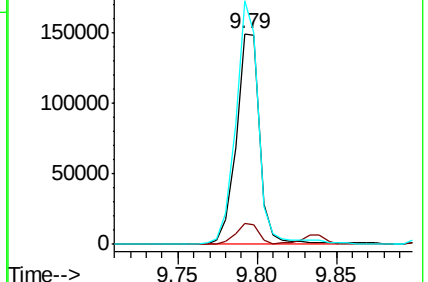
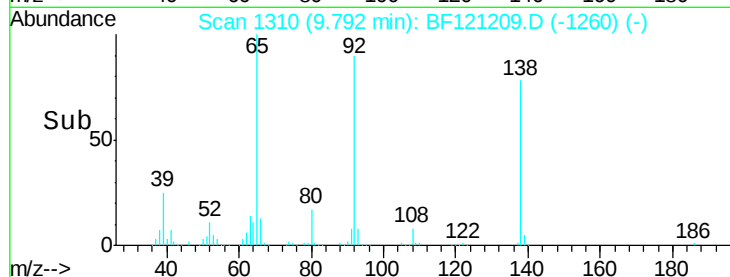
92 115.4 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 23.992 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

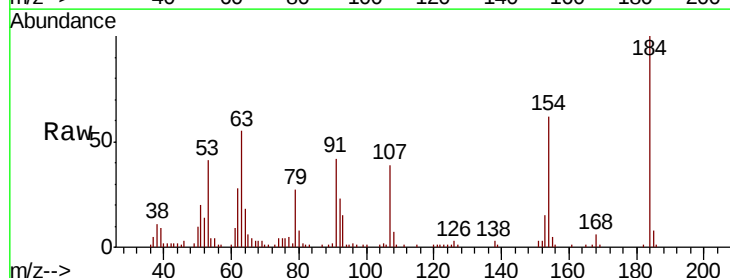
Tgt Ion:184 Resp: 52461

Ion Ratio Lower Upper

184 100

63 55.3 42.5 63.7

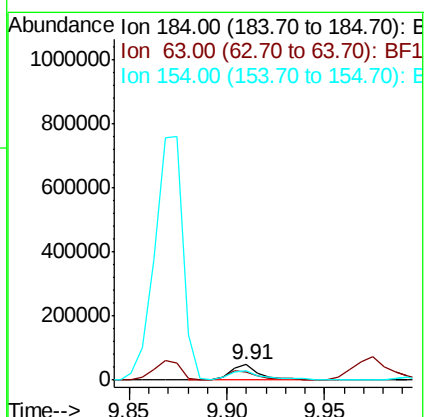
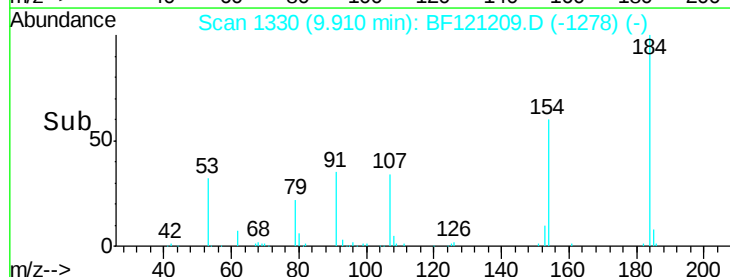
154 62.4 46.8 70.2

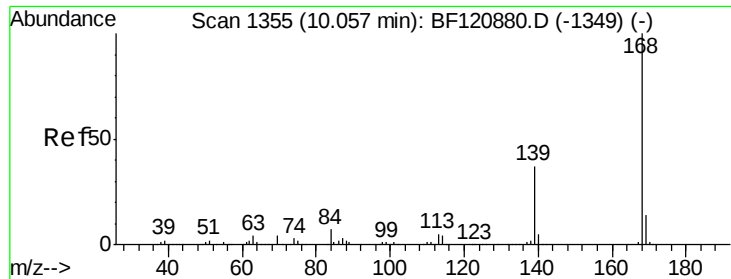


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

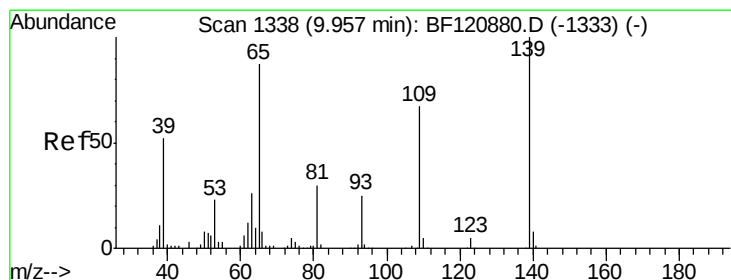
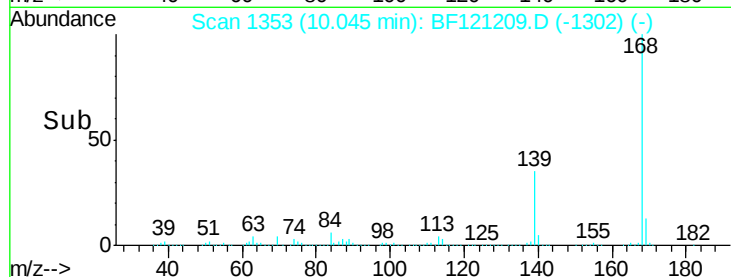
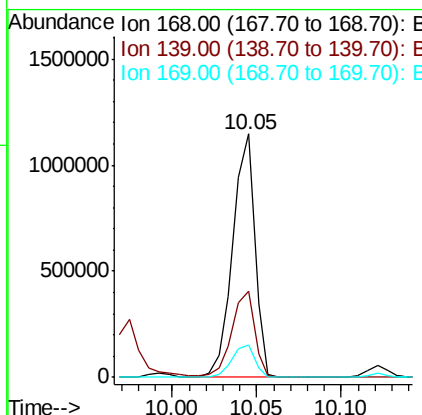
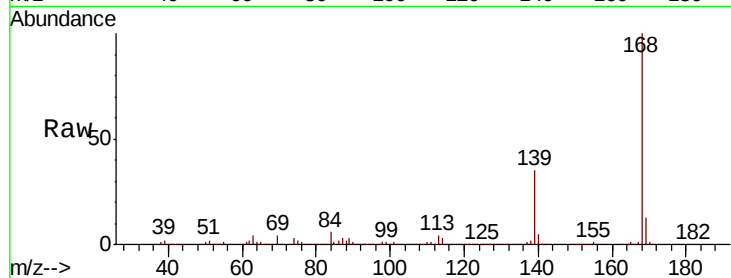




#55
Dibenzenofuran
Concen: 37.525 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

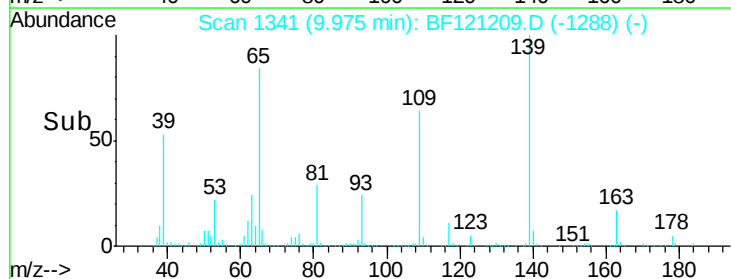
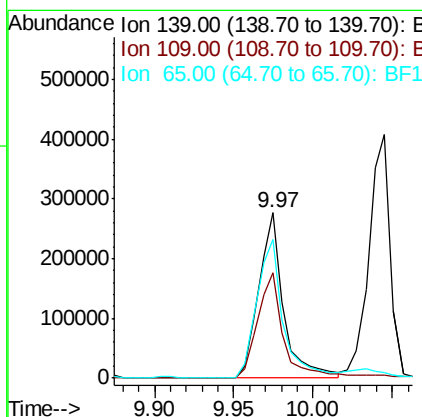
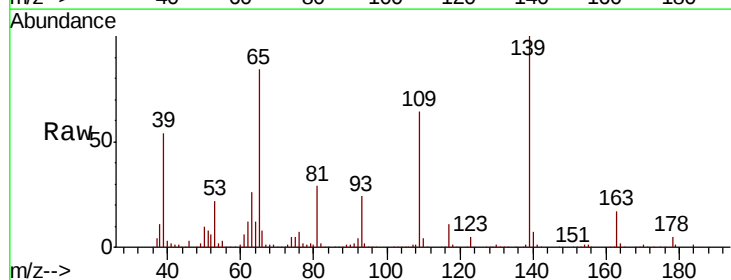
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:168 Resp: 1044688
Ion Ratio Lower Upper
168 100
139 35.5 30.1 45.1
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 65.710 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:139 Resp: 304111
Ion Ratio Lower Upper
139 100
109 63.6 44.8 84.8
65 84.2 65.6 105.6

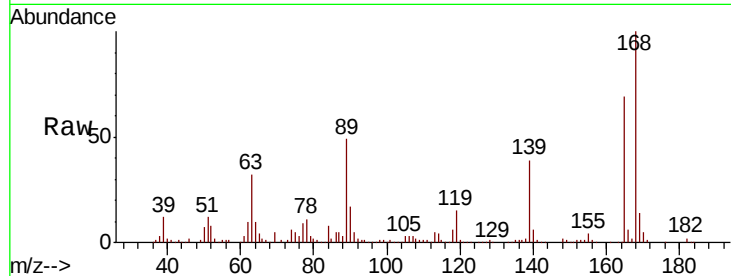




#57
2,4-Dinitrotoluene
Concen: 37.043 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	29.8	44.8#
89	70.2	50.3	75.5
182	2.5	2.1	3.1



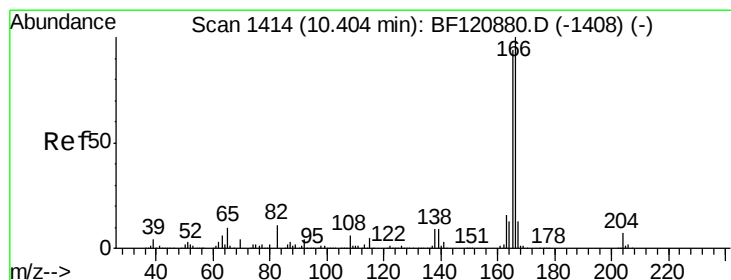
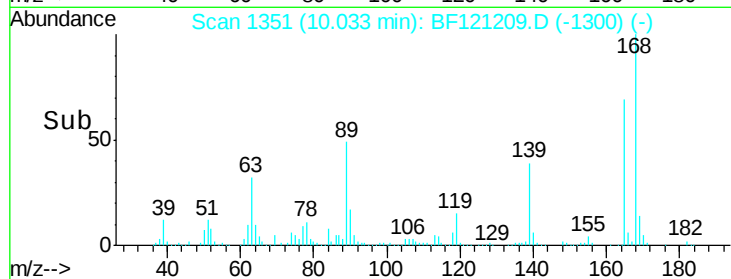
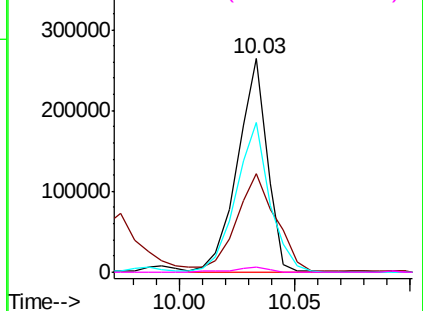
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

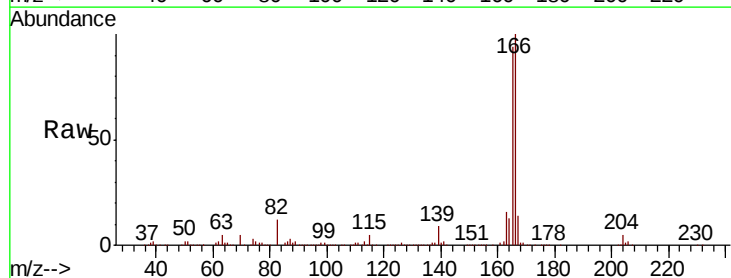
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.765 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	76.4	114.6
167	13.8	10.7	16.1

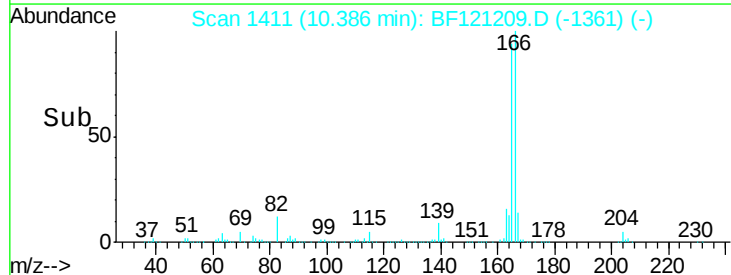
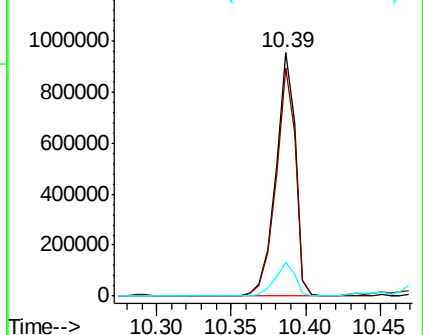


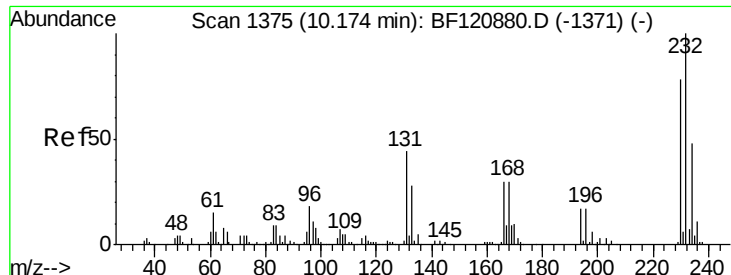
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

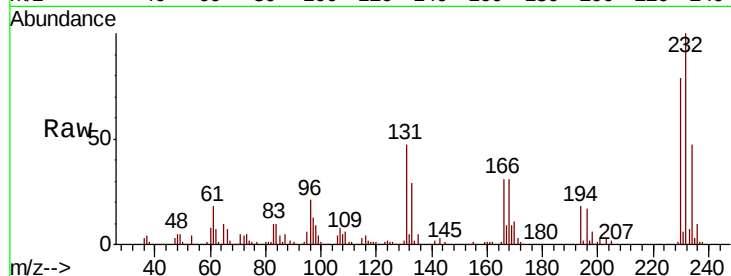




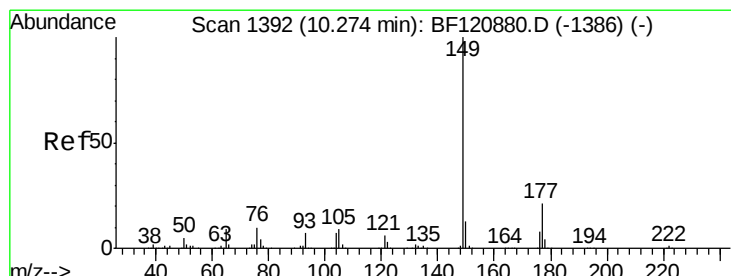
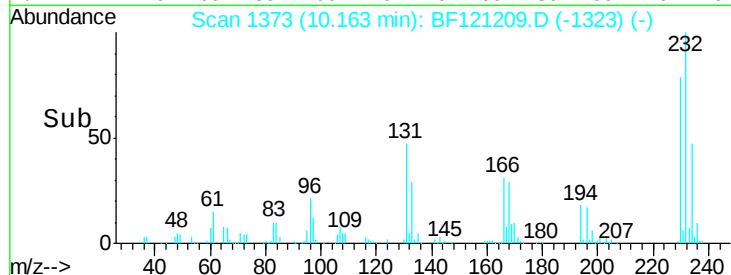
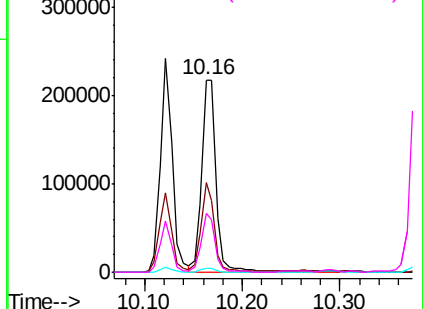
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.859 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:	232	Resp:	221336
Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.2
130	2.2	1.7	2.5
166	28.5	23.1	34.7

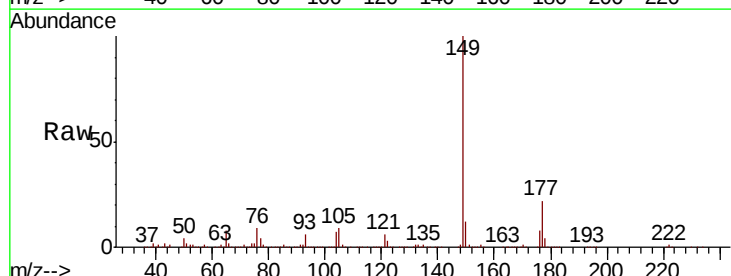


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

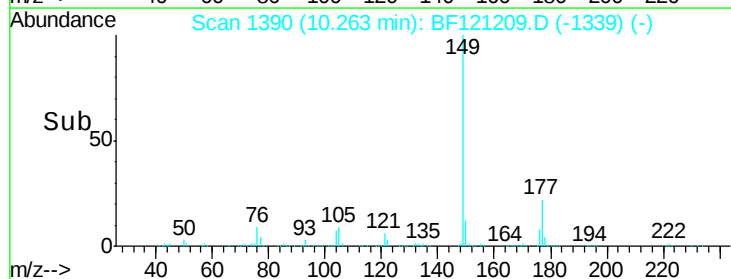
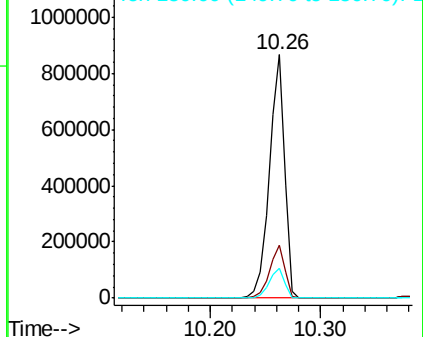


#60
Diethylphthalate
Concen: 36.662 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:	149	Resp:	838480
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.3	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

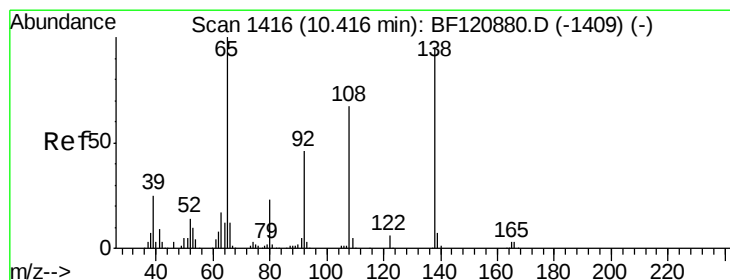
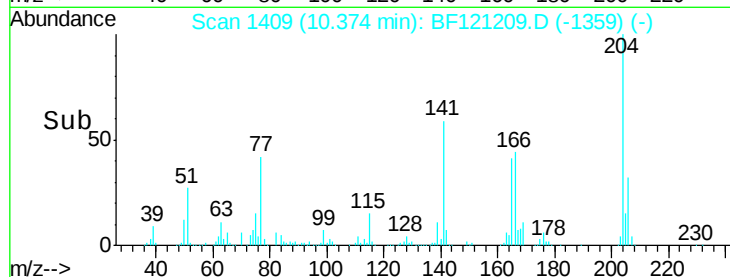
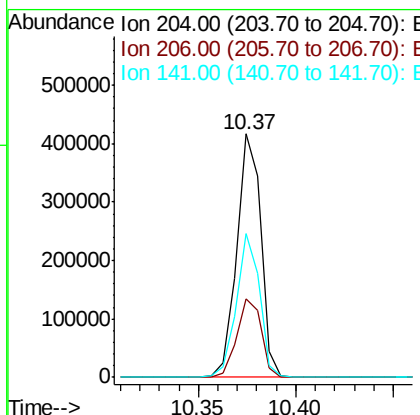
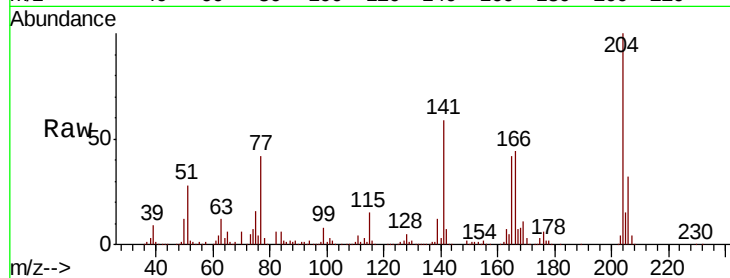




#61
4-Chlorophenyl-phenylether
Concen: 32.102 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

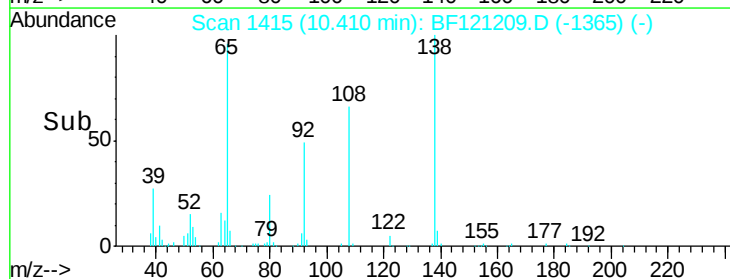
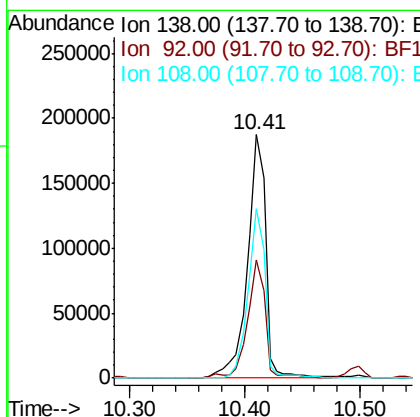
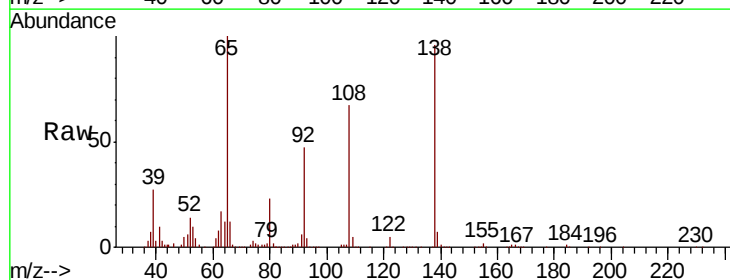
Instrument :
BNA_F
ClientSampled :
JB-1AMSD

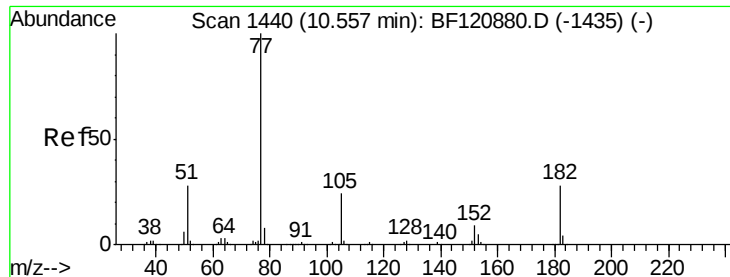
Tot Ion:204 Resp: 355527
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.0 46.9 70.3



#62
4-Nitroaniline
Concen: 34.626 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:138 Resp: 205495
Ion Ratio Lower Upper
138 100
92 48.8 25.2 65.2
108 69.4 46.7 86.7





#63

Azobenzene

Concen: 35.207 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

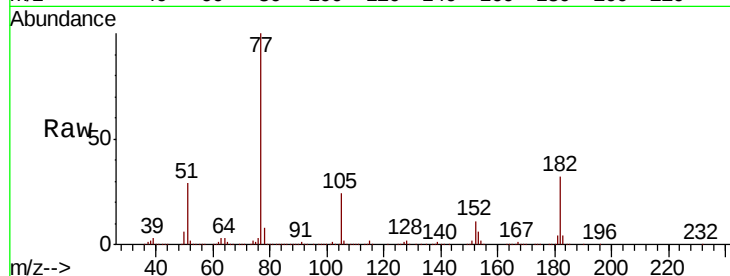
BNA_F

ClientSampleId :

JB-1AMSD

Tot Ion: 77 Resp: 766567

Ion	Ratio	Lower	Upper
77	100		
182	31.9	4.5	44.5
105	24.0	3.4	43.4
51	28.5	8.7	48.7

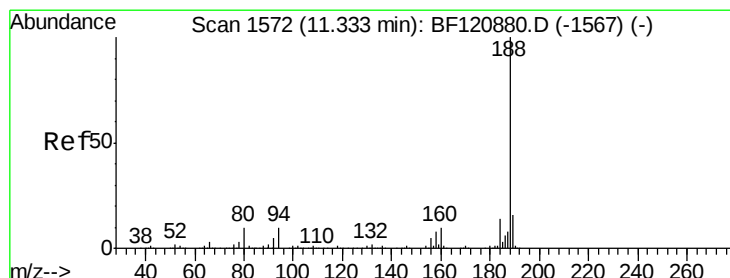
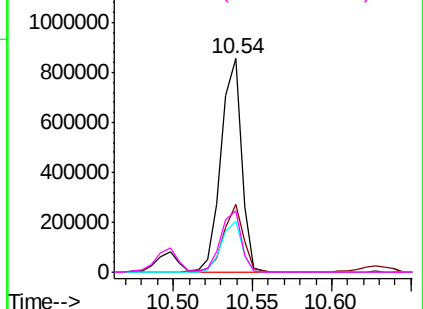
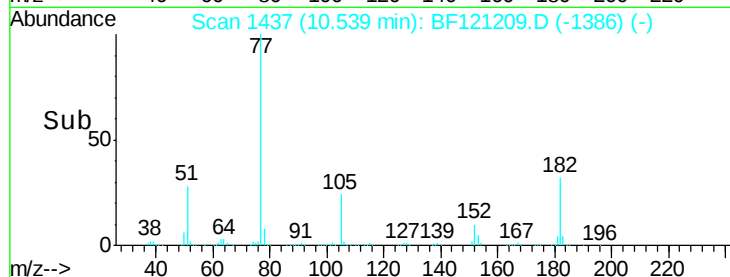


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

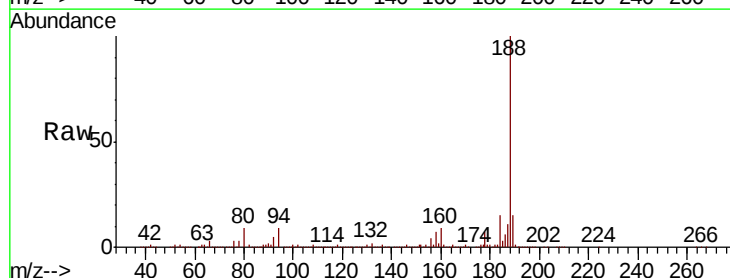
Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Tgt Ion: 188 Resp: 579405

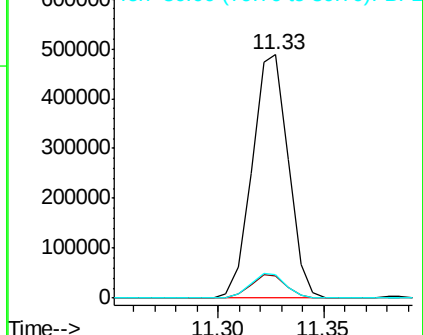
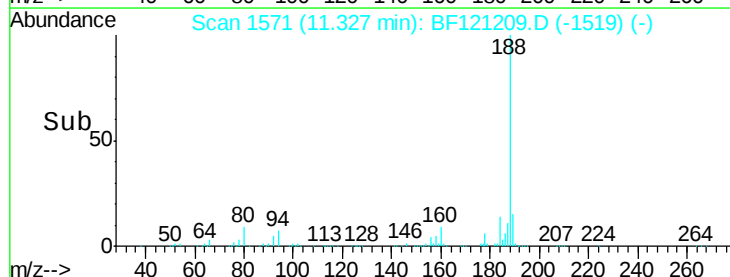
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.4	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

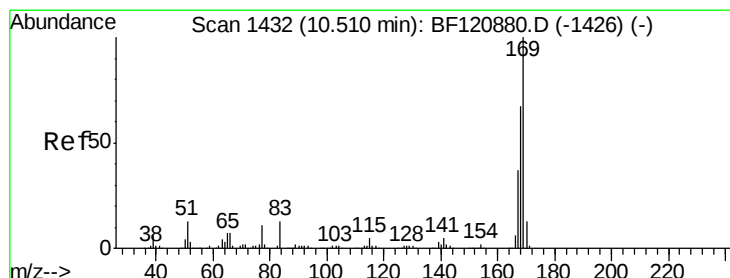
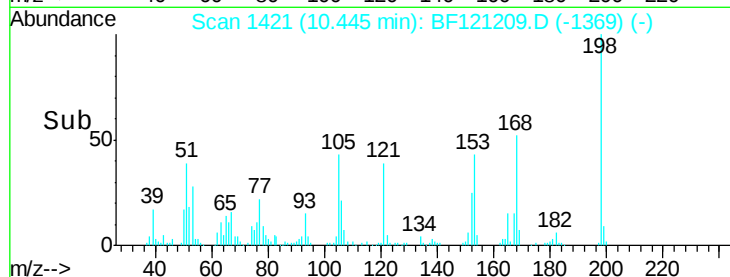
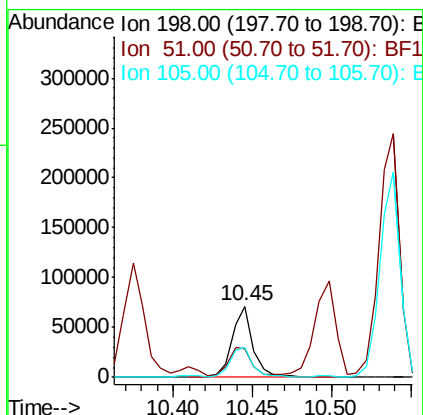
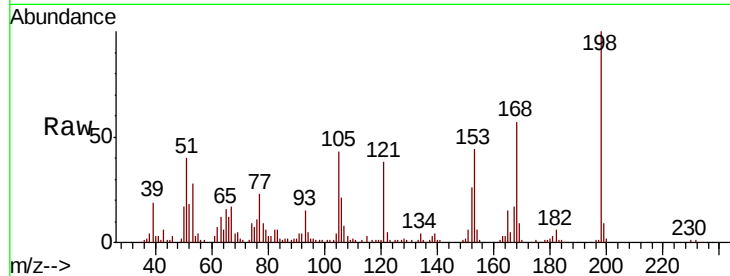




#65
4,6-Dinitro-2-methylphenol
Concen: 21.785 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

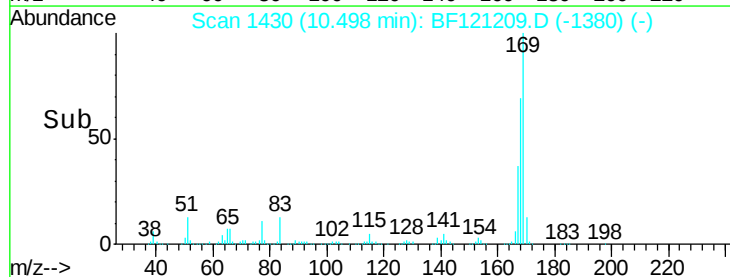
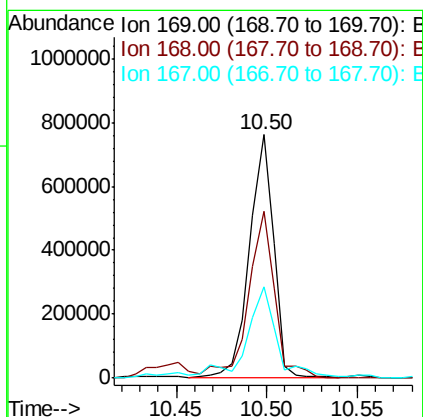
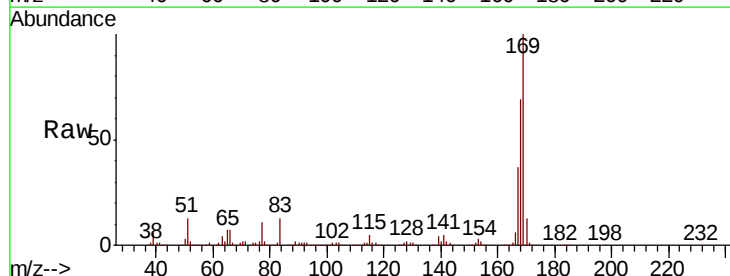
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

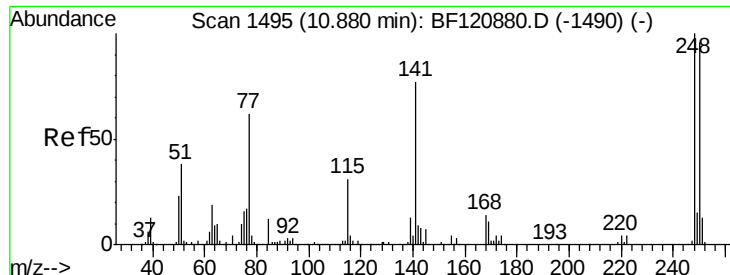
Tot Ion:198 Resp: 65405
Ion Ratio Lower Upper
198 100
51 39.8 23.4 63.4
105 42.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 38.230 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:169 Resp: 696818
Ion Ratio Lower Upper
169 100
168 68.8 53.7 80.5
167 37.5 30.0 45.0

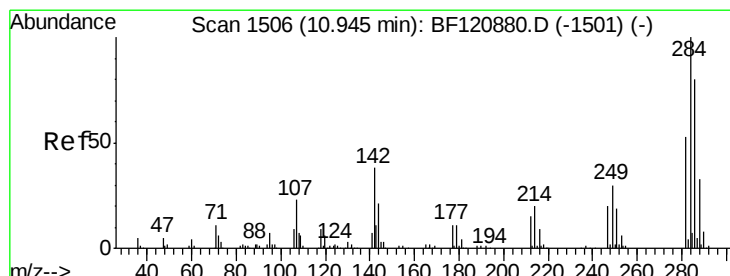
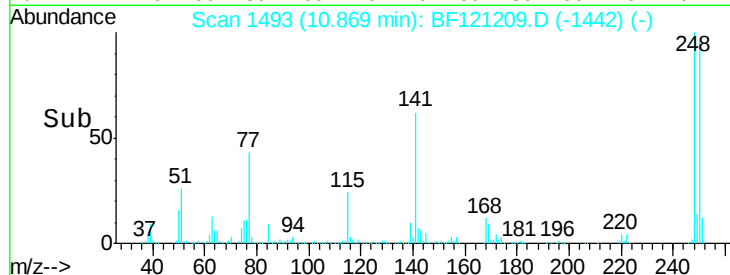
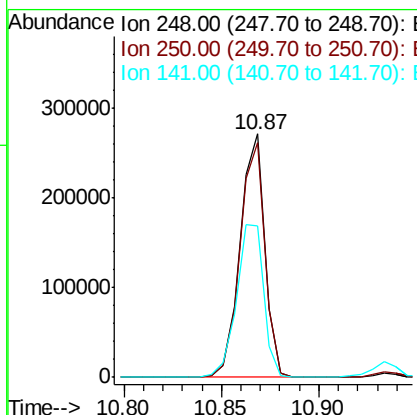
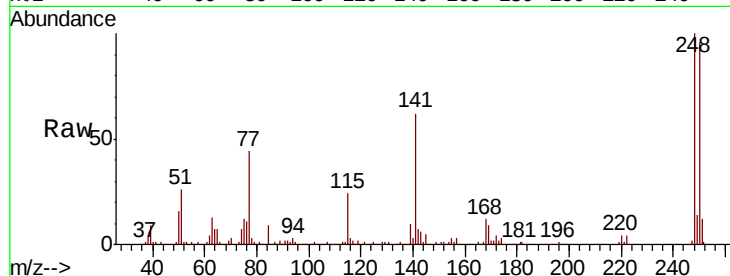




#67
 4-Bromophenyl-phenylether
 Concen: 36.711 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

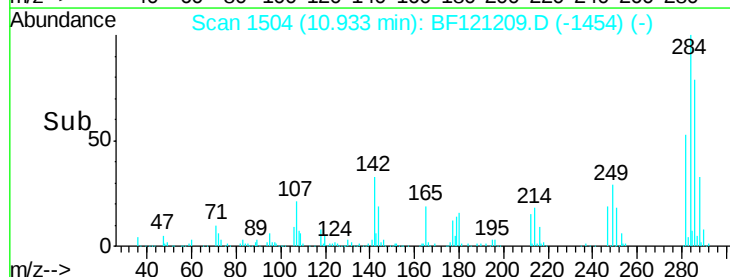
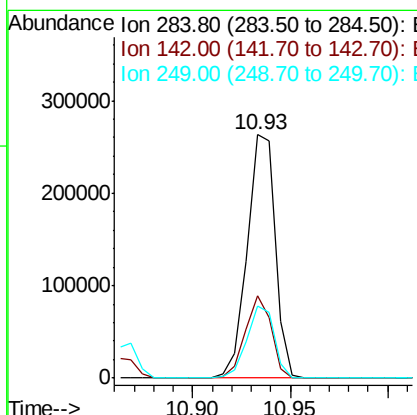
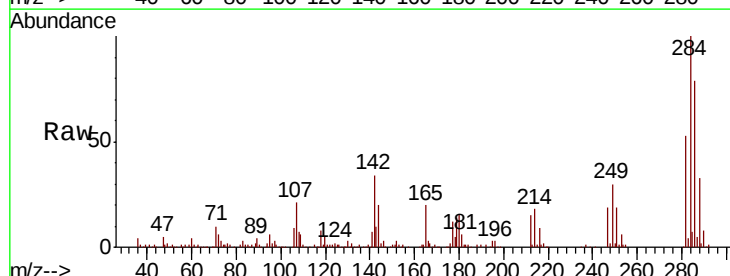
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

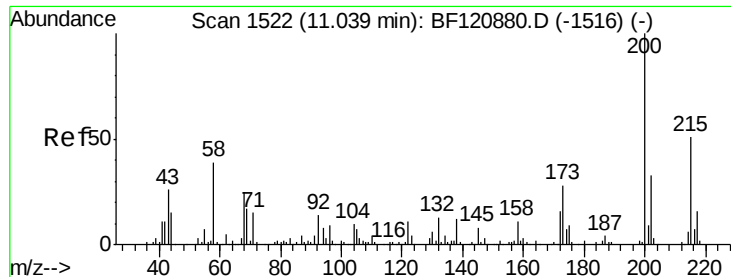
Tot	Ion:248	Resp:	237153
Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.6
141	62.2	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 37.576 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt	Ion:284	Resp:	262580
Ion	Ratio	Lower	Upper
284	100		
142	33.9	21.1	31.7#
249	29.6	22.5	33.7

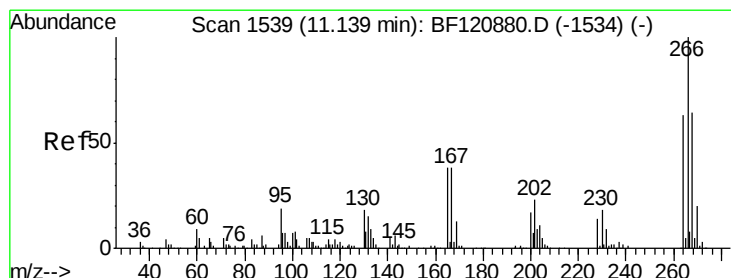
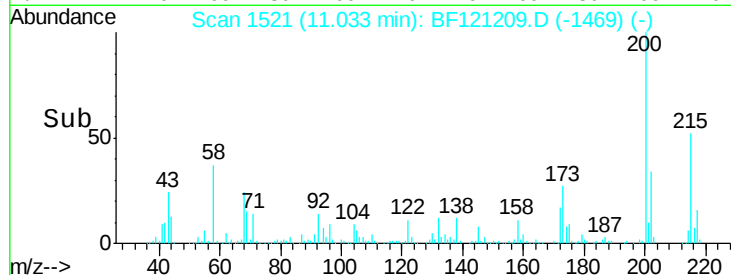
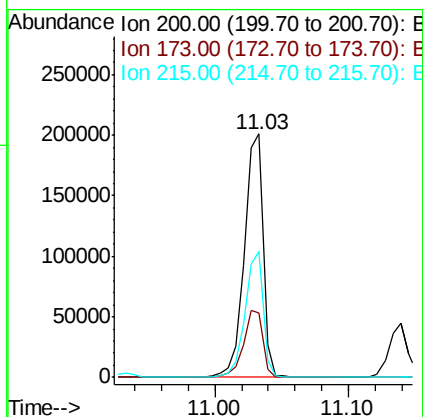
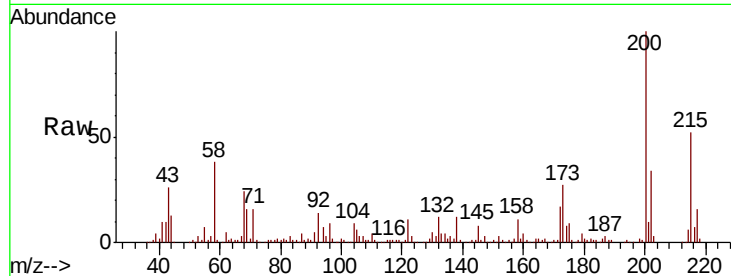




#69
 Atrazine
 Concen: 43.239 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

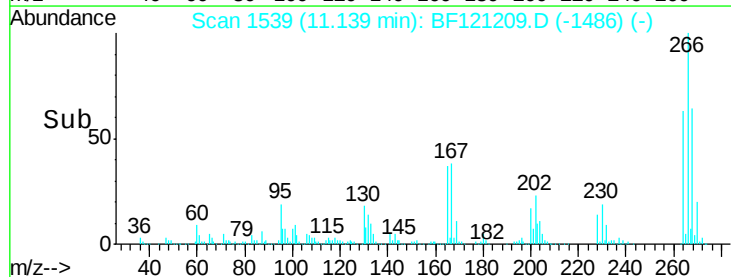
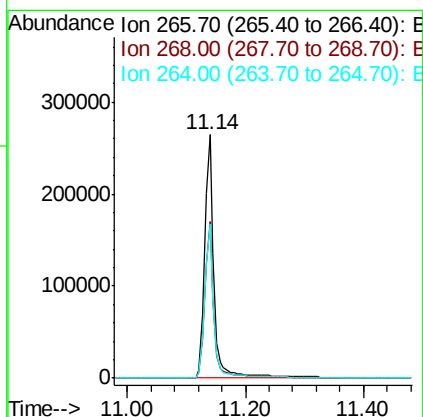
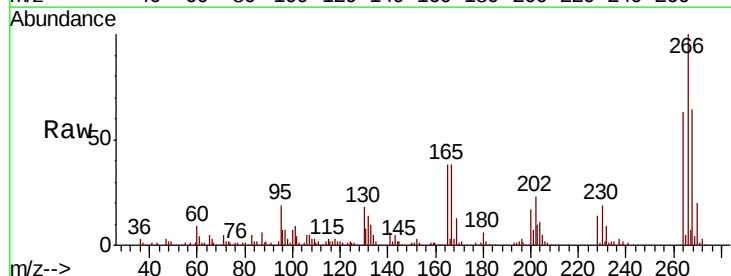
Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

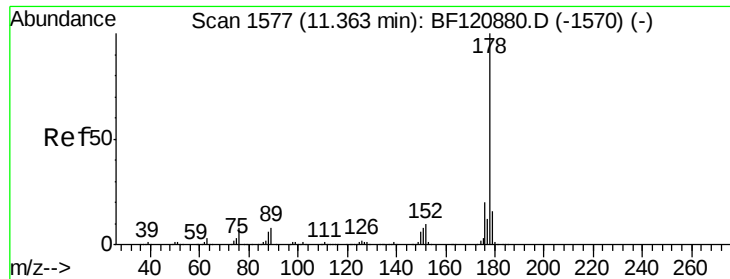
Tot Ion:200 Resp: 195182
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.6 47.6
 215 51.8 28.8 68.8



#70
 Pentachlorophenol
 Concen: 72.854 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion:266 Resp: 291653
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.7 74.5
 264 63.4 50.4 75.6

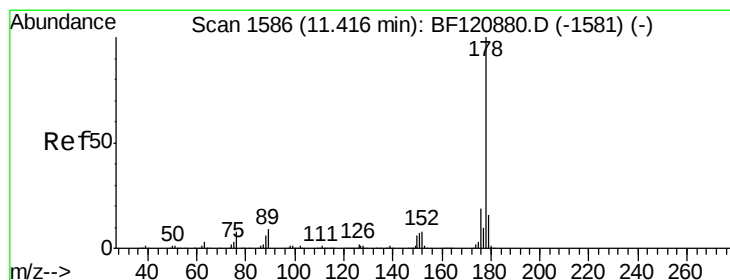
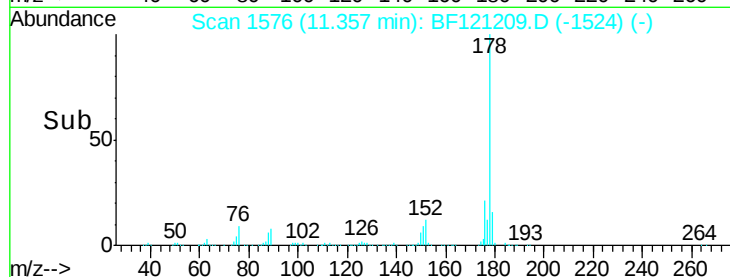
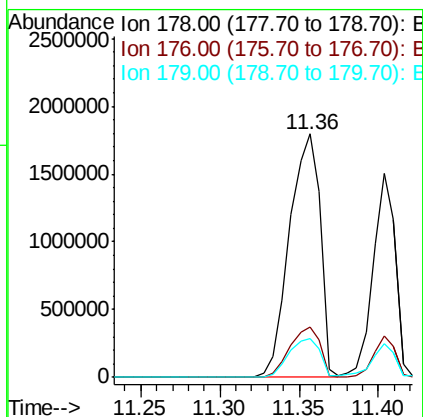
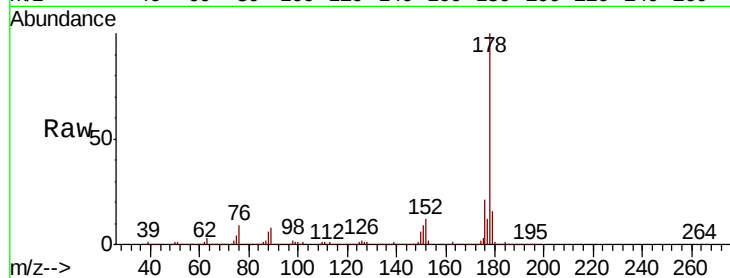




#71
Phenanthrene
Concen: 80.622 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

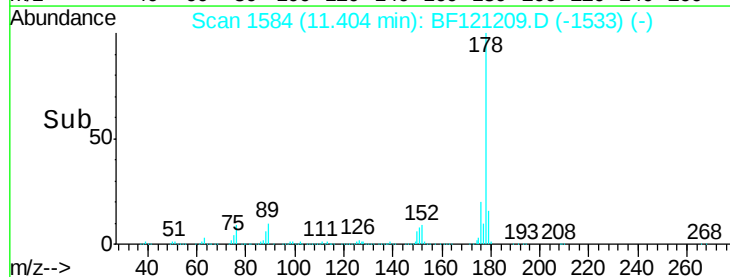
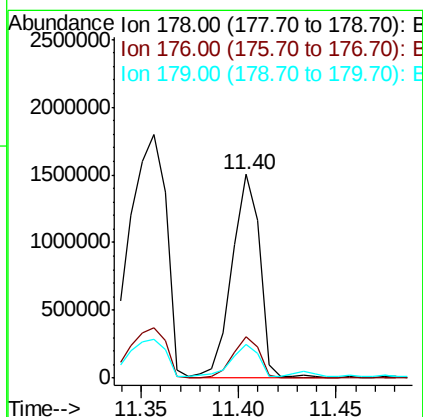
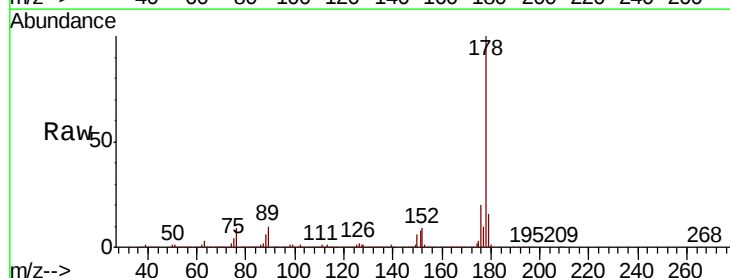
Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion:178 Resp: 2402445
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 16.1 12.6 19.0



#72
Anthracene
Concen: 49.400 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion:178 Resp: 1478178
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.4 12.6 19.0



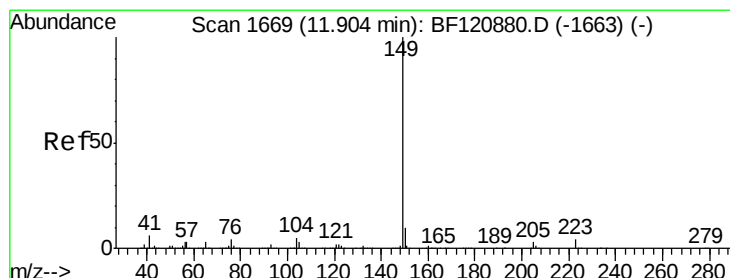
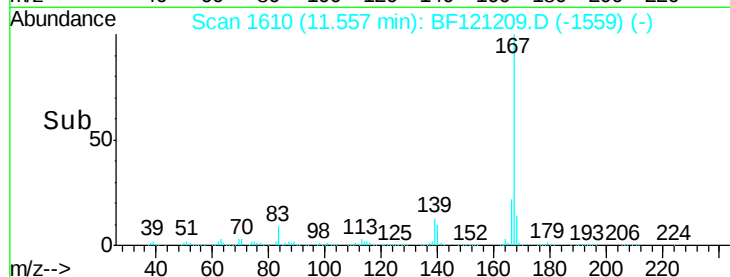
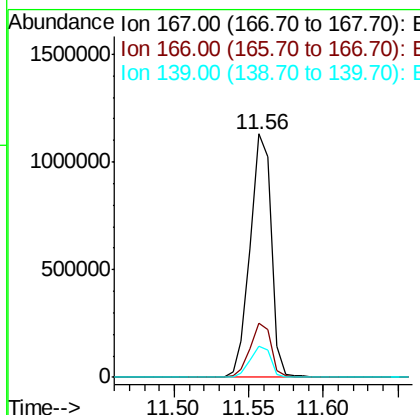
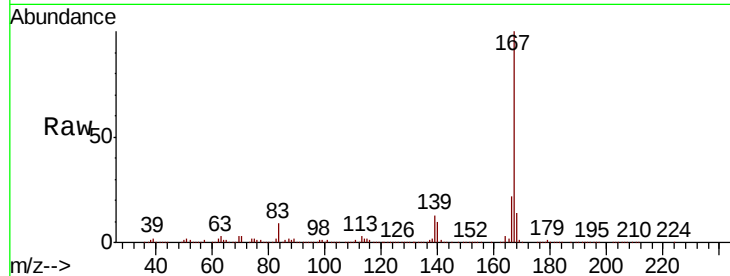


#73
 Carbazole
 Concen: 37.134 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion:167 Resp: 1102708

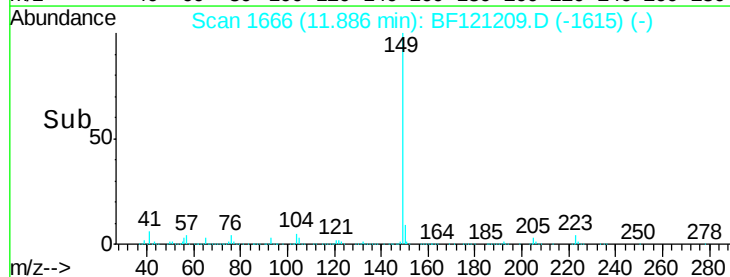
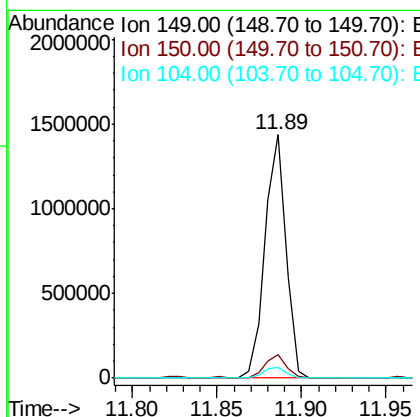
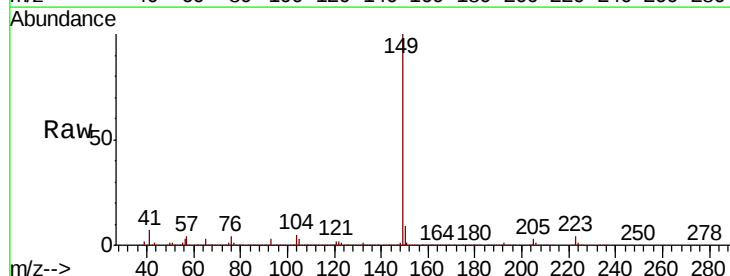
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	13.1	10.5	15.7

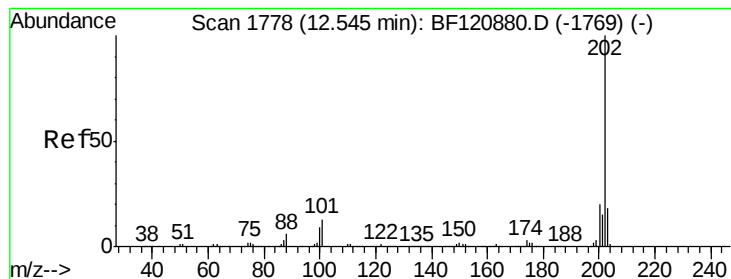


#74
 Di-n-butylphthalate
 Concen: 35.948 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion:149 Resp: 1231884

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.6	3.9	5.9





#75

Fluoranthene

Concen: 70.885 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

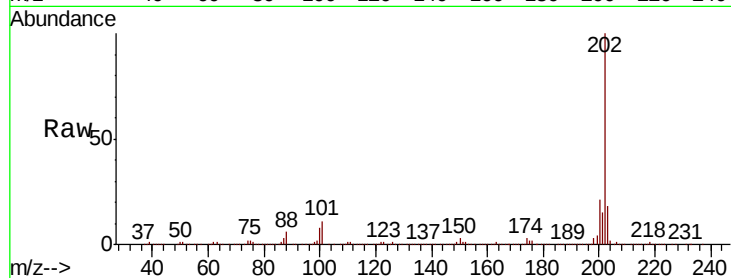
Tot Ion:202 Resp: 2341325

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

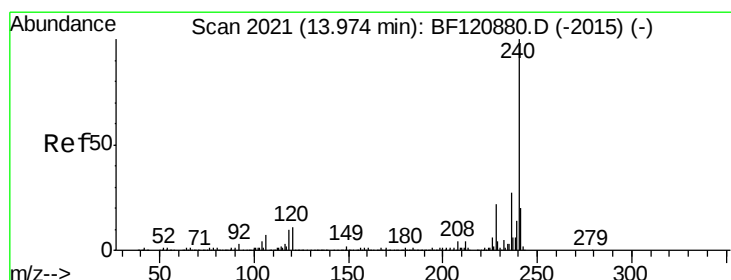
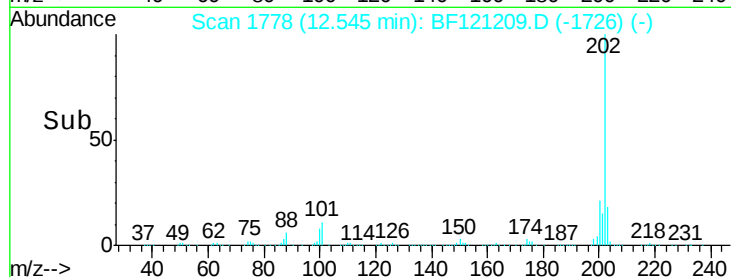
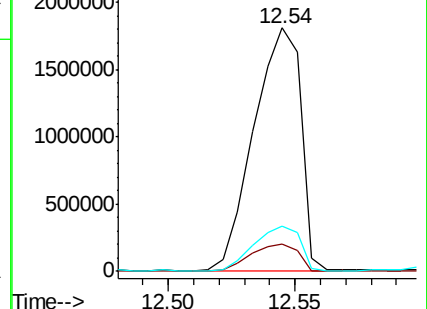
203 18.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

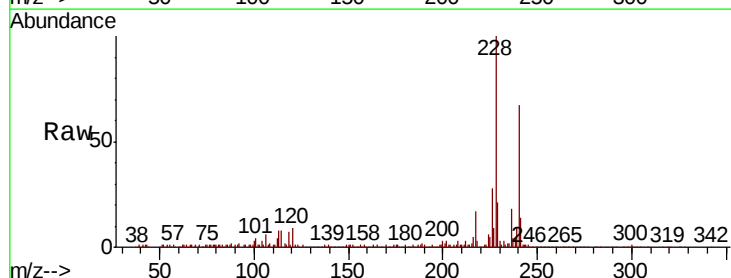
Tgt Ion:240 Resp: 328150

Ion Ratio Lower Upper

240 100

120 12.7 9.3 13.9

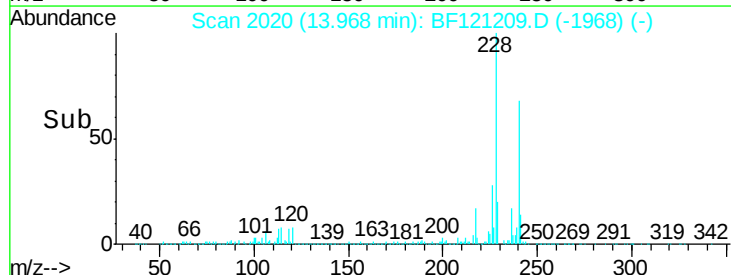
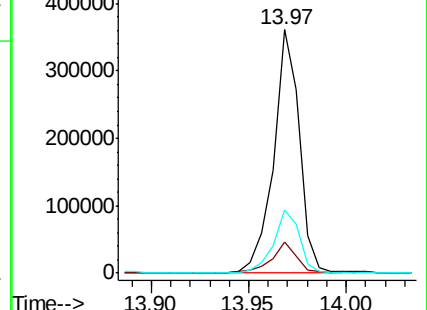
236 26.0 21.1 31.7

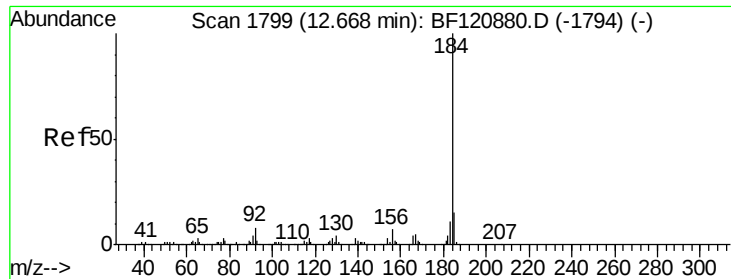


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.560 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

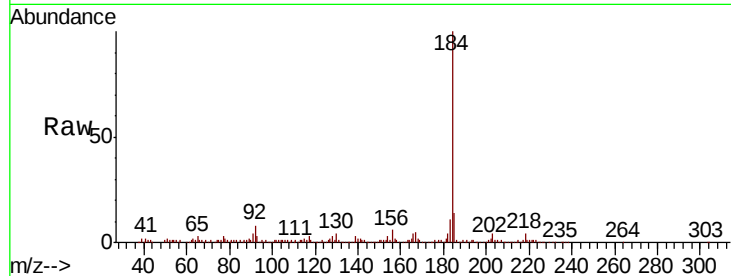
Tot Ion:184 Resp: 315426

Ion Ratio Lower Upper

184 100

185 14.1 12.1 18.1

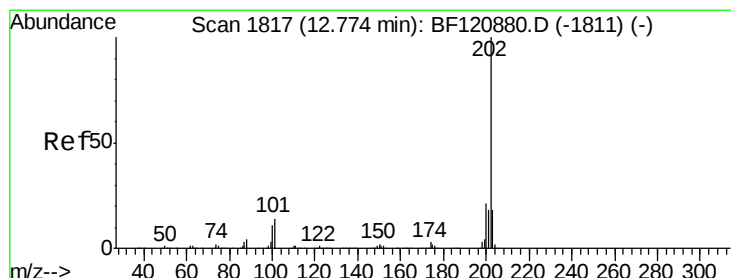
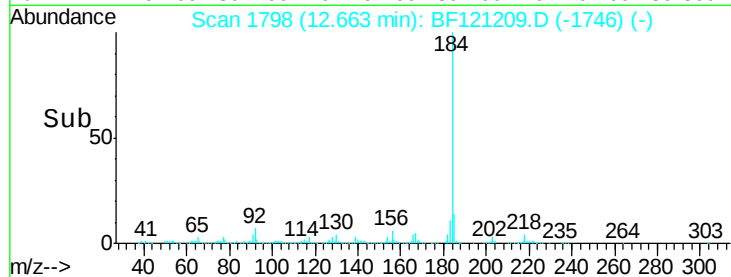
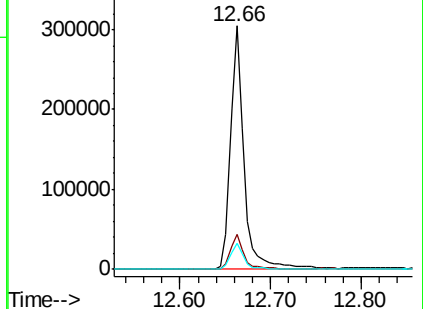
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 103.375 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

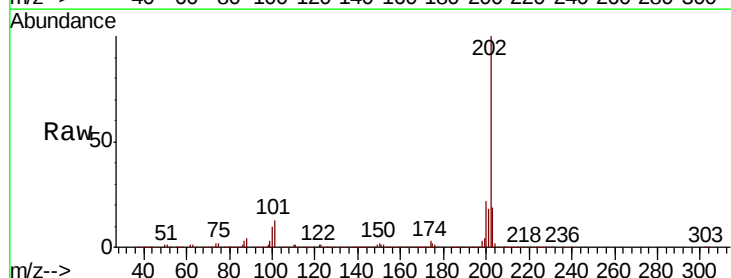
Tgt Ion:202 Resp: 2398338

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

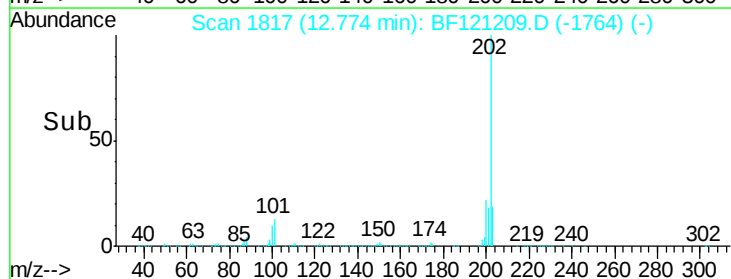
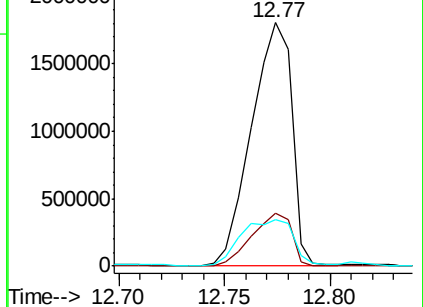
203 19.0 14.6 21.8

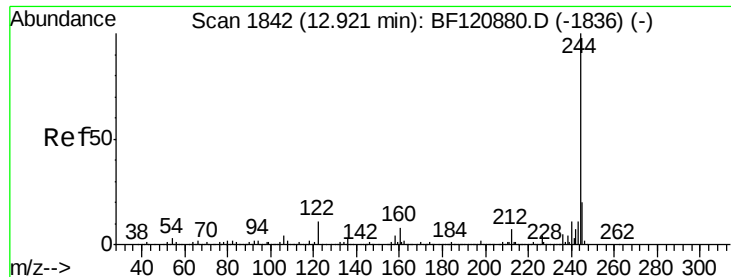


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.597 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

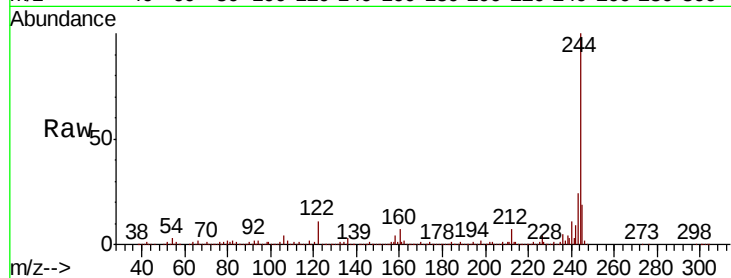
Tot Ion:244 Resp: 1201580

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

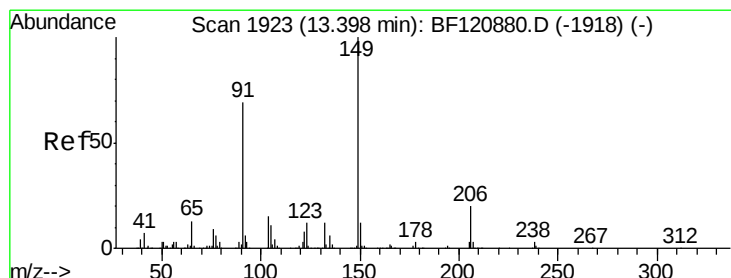
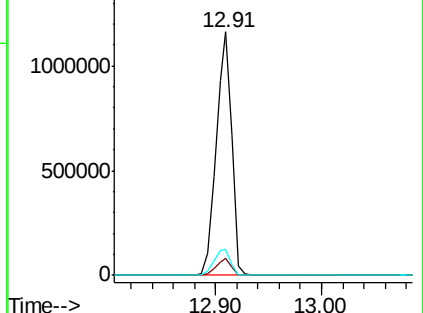
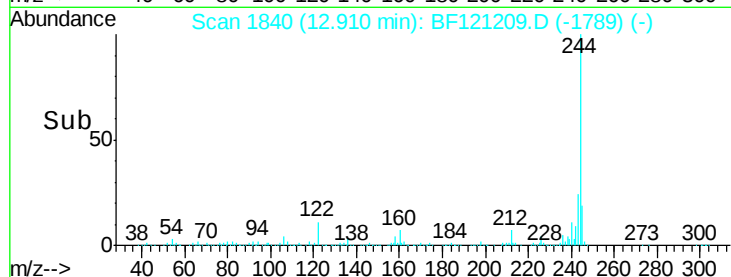
122 10.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.904 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

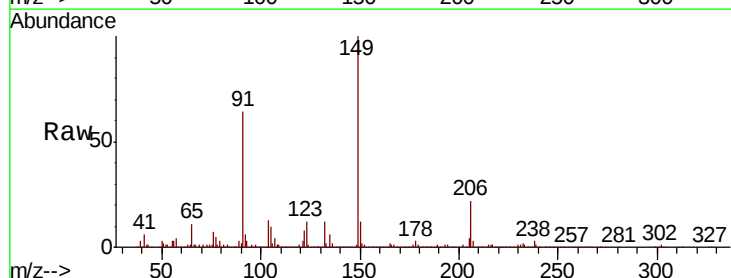
Tgt Ion:149 Resp: 464413

Ion Ratio Lower Upper

149 100

91 63.9 51.4 77.0

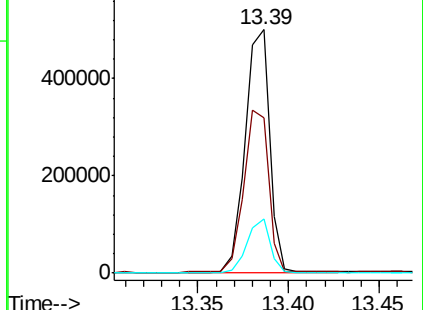
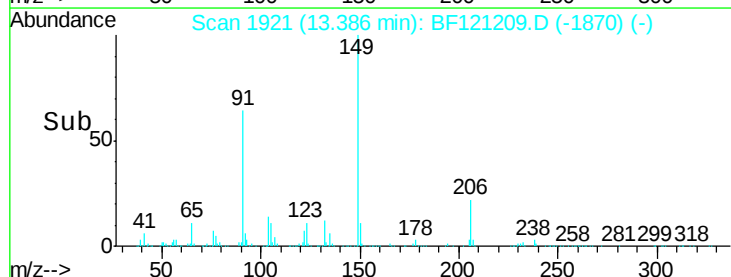
206 22.1 17.9 26.9

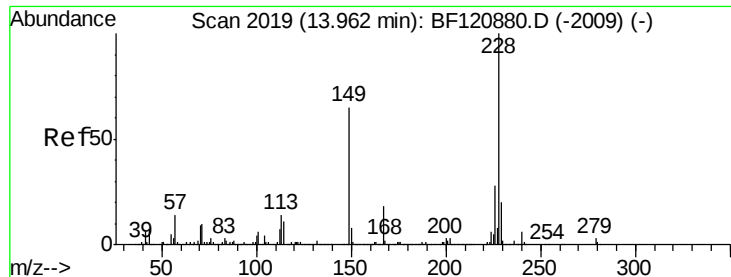


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 75.195 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

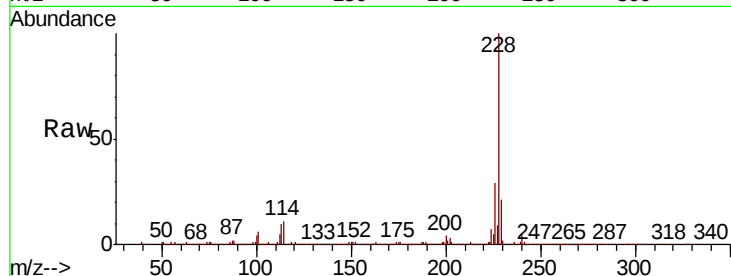
Tot Ion:228 Resp: 1494199

Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

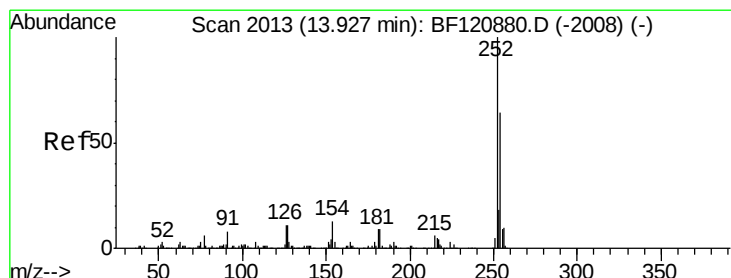
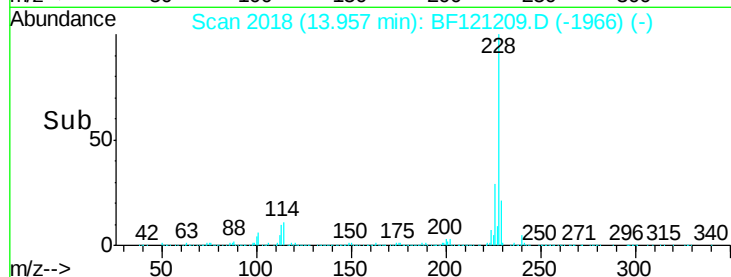
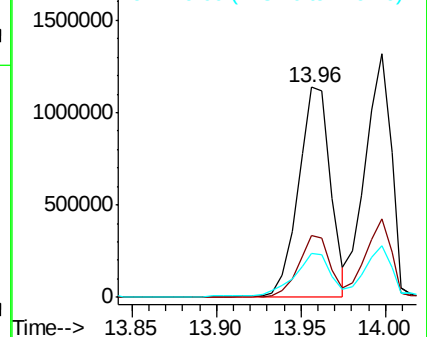
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.009 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

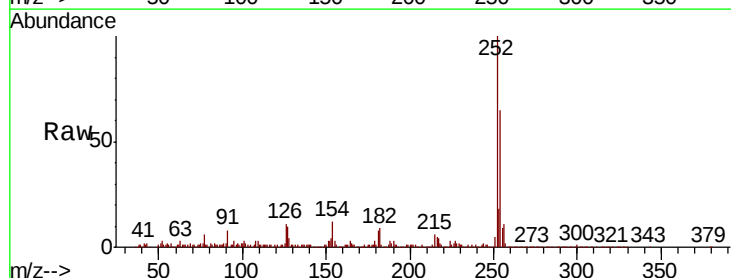
Tgt Ion:252 Resp: 292443

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

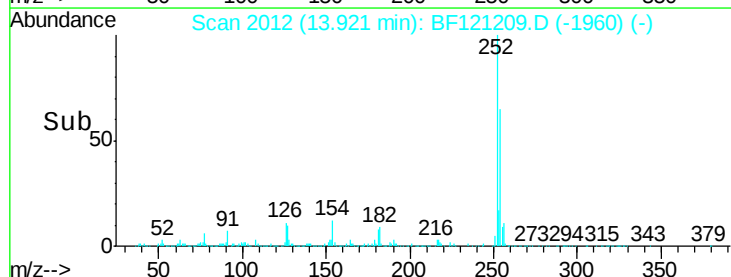
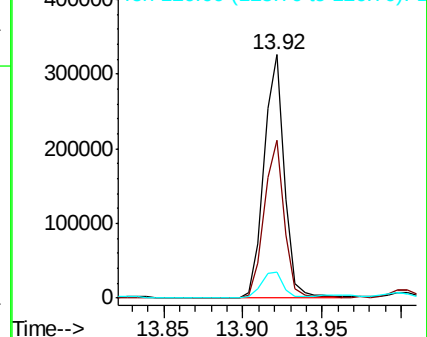
126 10.8 9.2 13.8

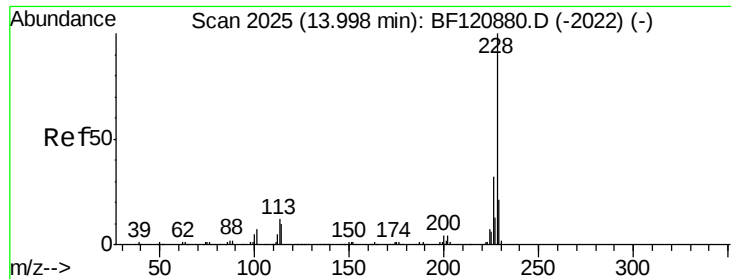


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



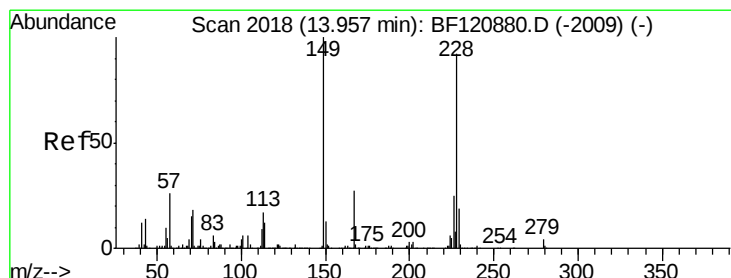
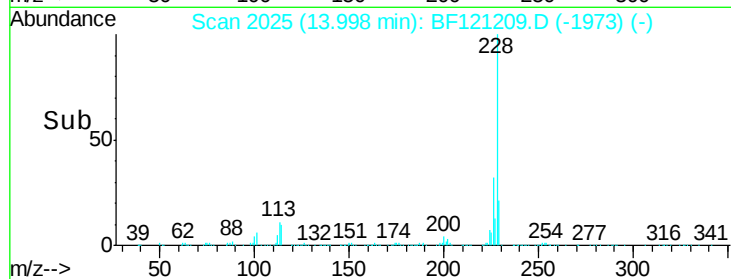
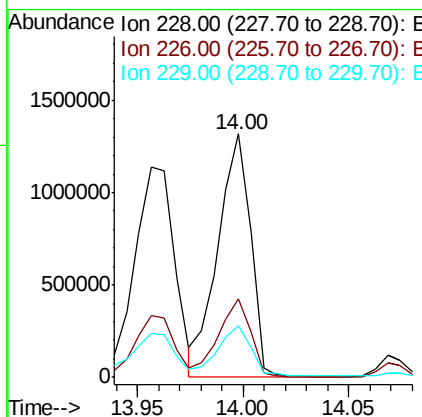
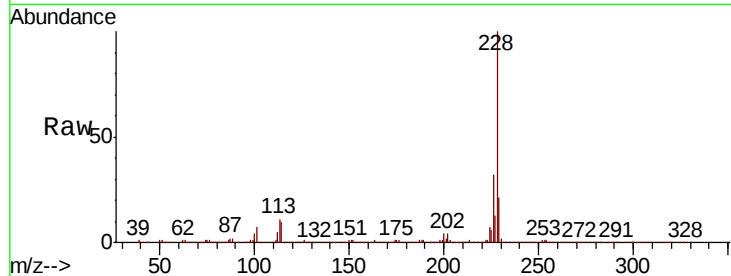


#83
 Chrvsene
 Concen: 67.342 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion:228 Resp: 1406257

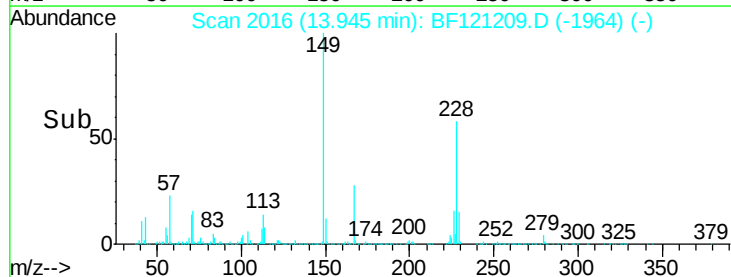
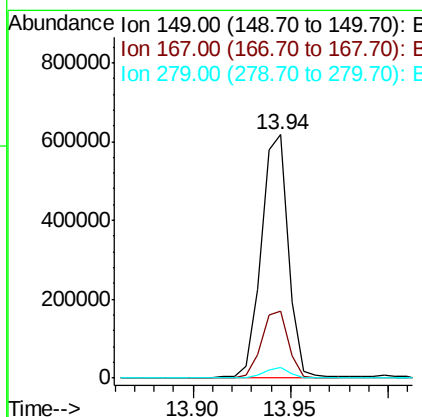
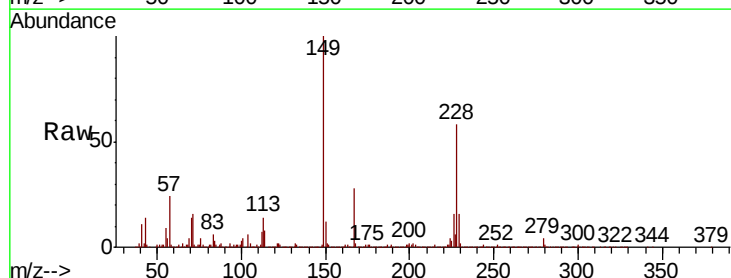
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.4	16.2	24.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.045 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion:149 Resp: 587232

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.5	2.9	4.3

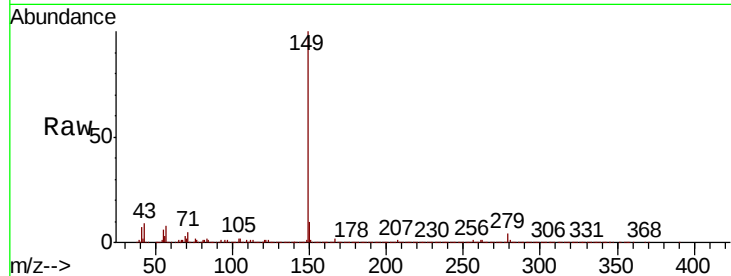




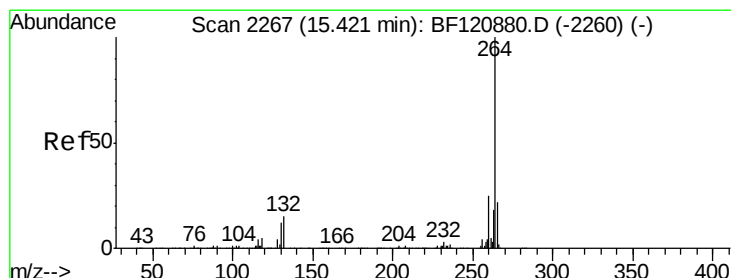
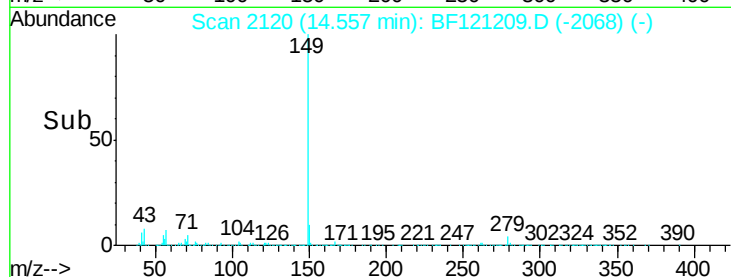
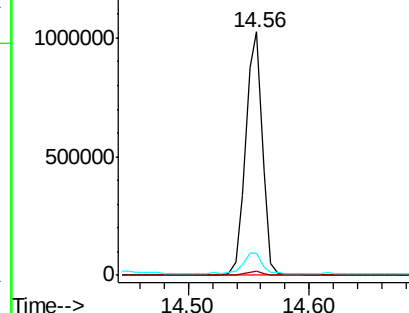
#85
Di-n-octyl phthalate
Concen: 38.685 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Instrument :
BNA_F
ClientSampleId :
JB-1AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.5	11.3

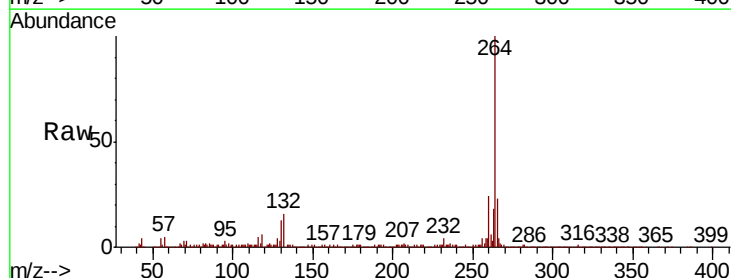


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

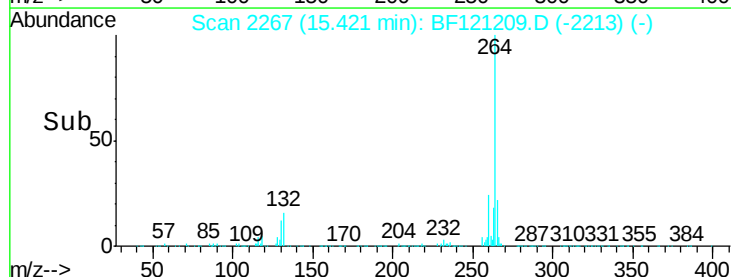
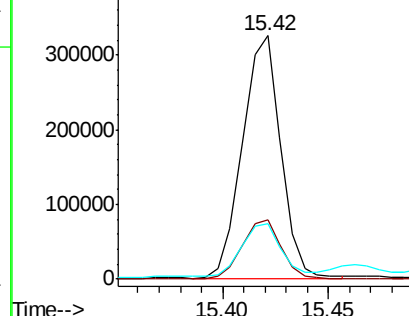


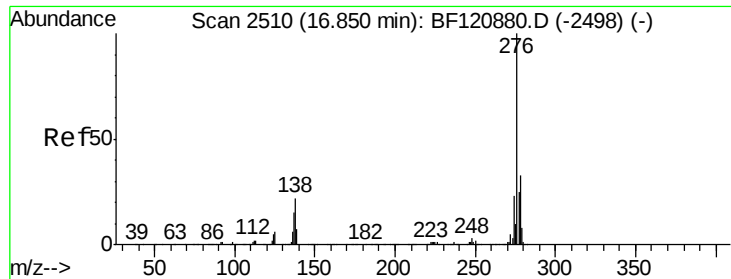
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121209.D
Acq: 6 Aug 2020 18:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	22.6	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

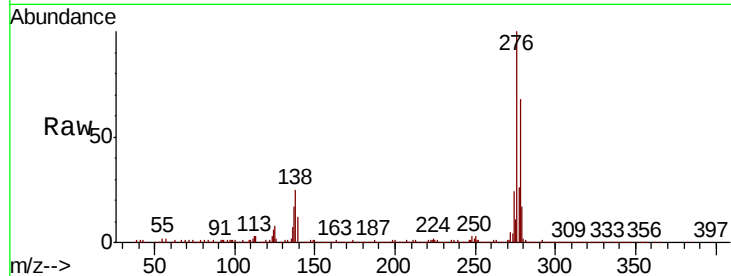




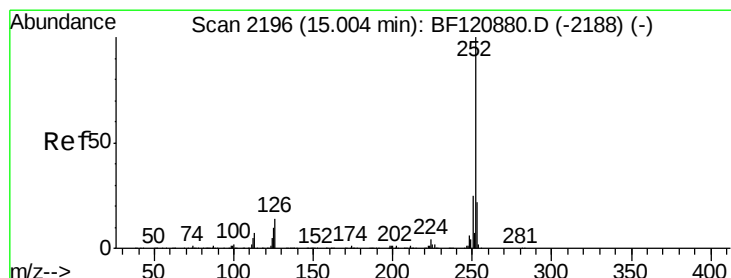
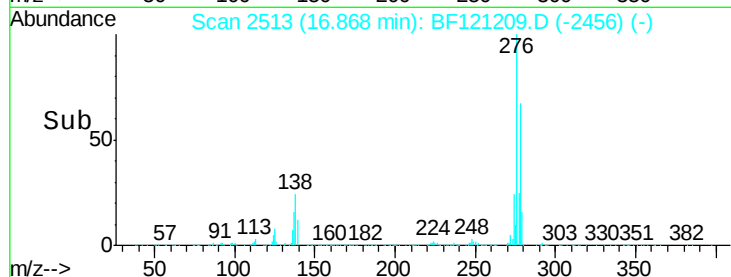
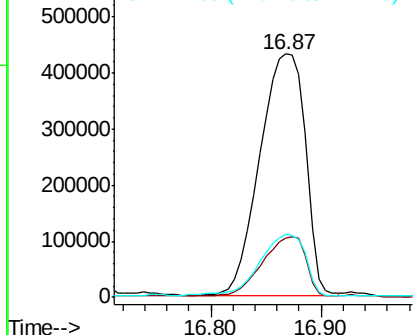
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.541 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.04 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 JB-1AMSD

Tot Ion:276 Resp: 1234656
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.3 28.9
 277 25.4 20.1 30.1

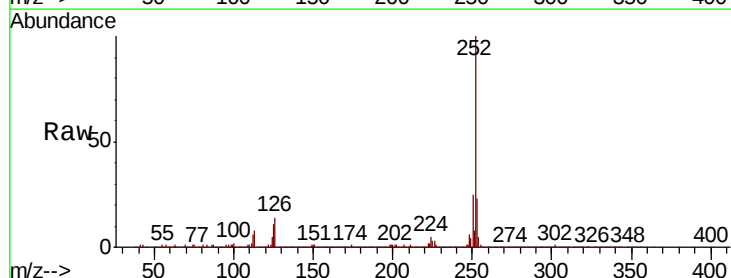


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

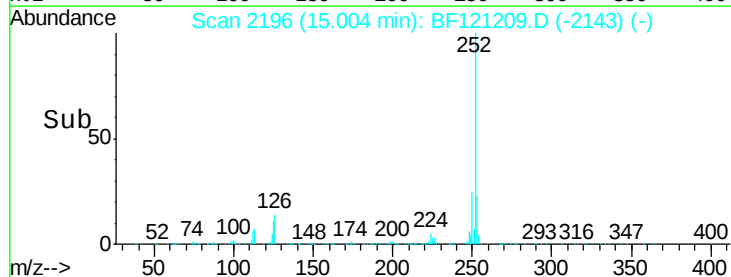
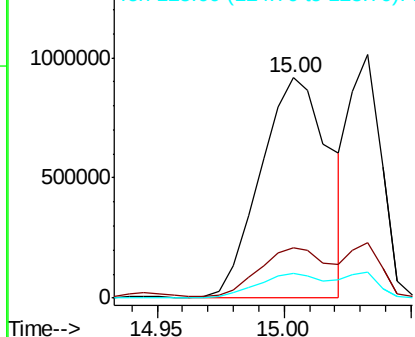


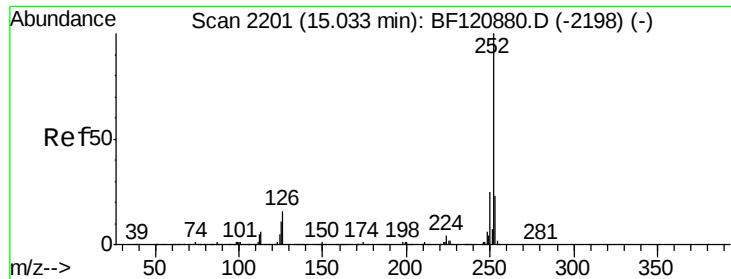
#88
 Benzo(b)fluoranthene
 Concen: 69.981 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121209.D
 Acq: 6 Aug 2020 18:43

Tgt Ion:252 Resp: 1724746
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.9 26.9
 125 11.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.311 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

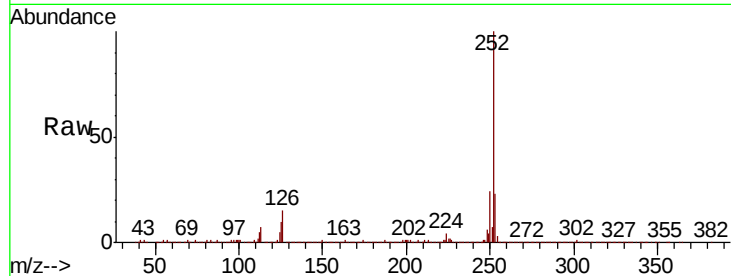
Tot Ion:252 Resp: 883593

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

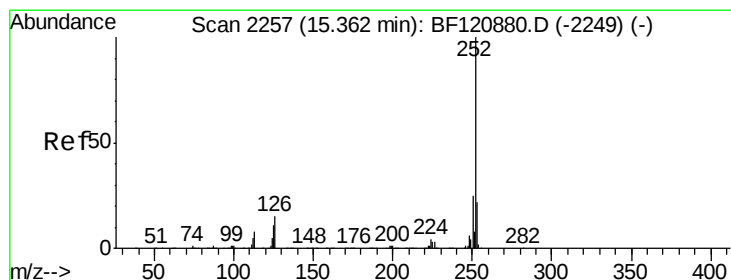
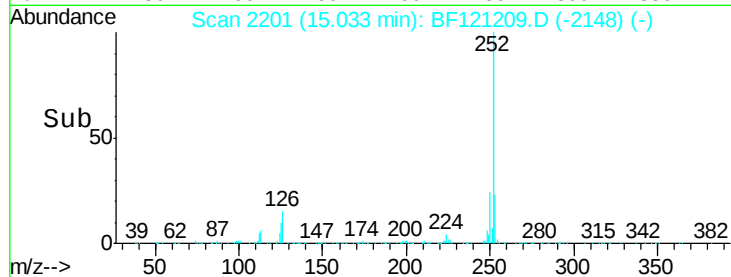
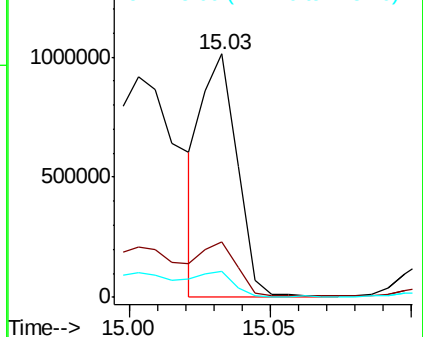
125 10.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 60.730 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

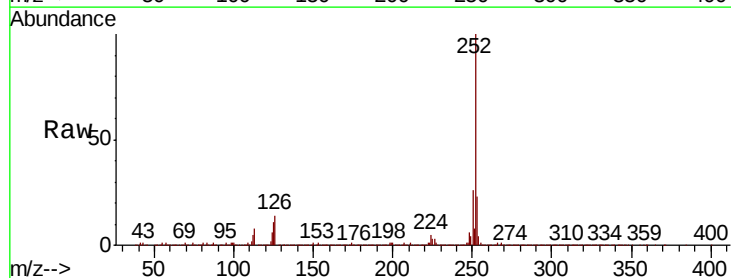
Tgt Ion:252 Resp: 1365566

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

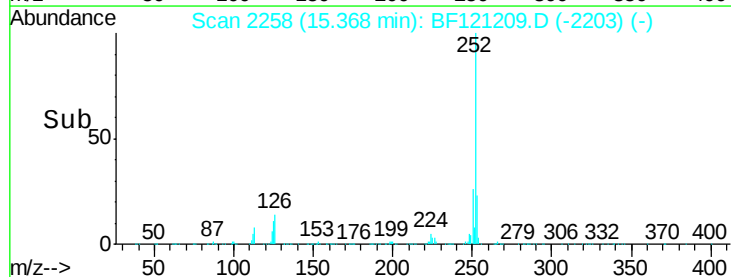
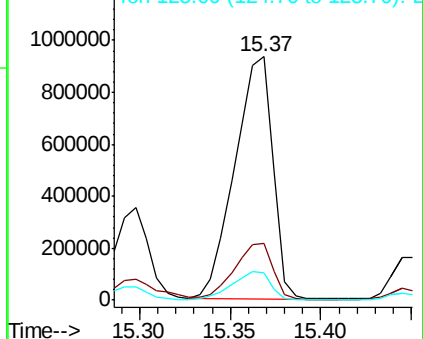
125 11.0 9.5 14.3

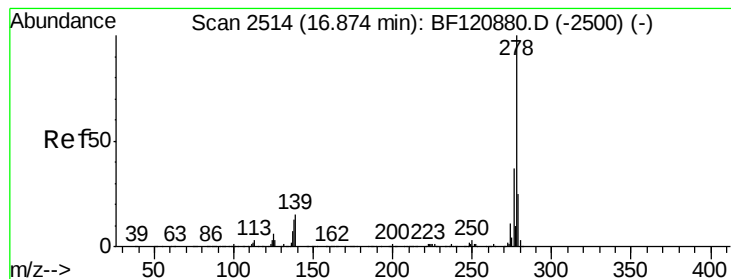


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 34.354 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.03 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

Instrument :

BNA_F

ClientSampleId :

JB-1AMSD

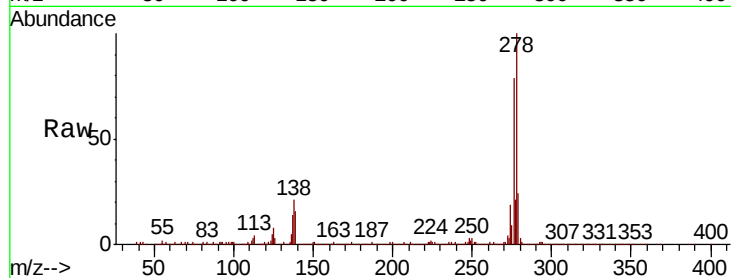
Tot Ion:278 Resp: 795724

Ion Ratio Lower Upper

278 100

139 16.4 12.6 18.8

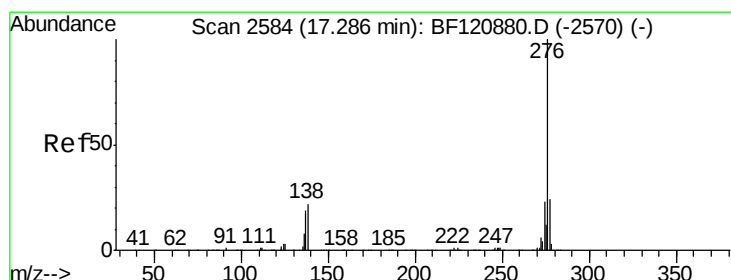
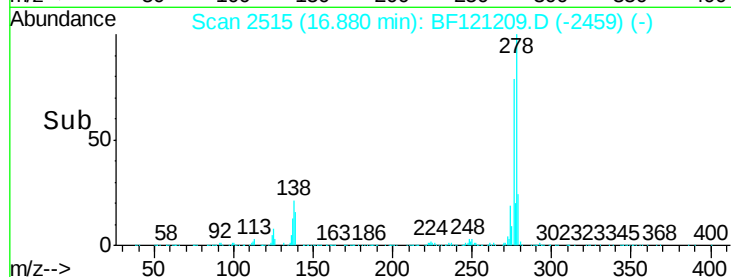
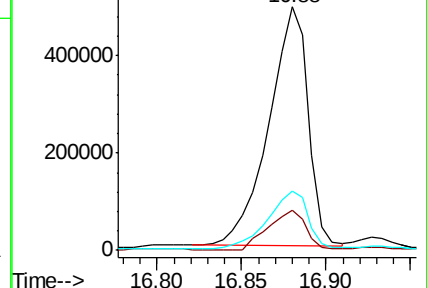
279 24.5 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.829 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.04 min

Lab File: BF121209.D

Acq: 6 Aug 2020 18:43

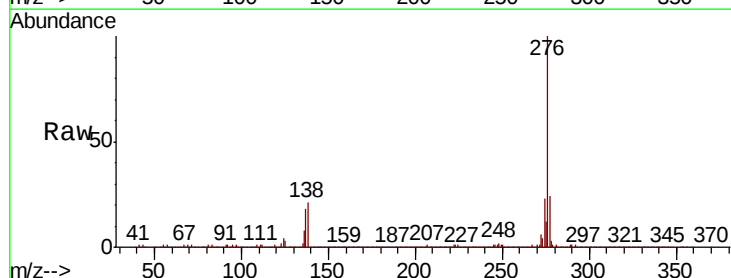
Tgt Ion:276 Resp: 1046663

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 21.5 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

